

Converting Colors

HunterLab(55.1908, -3.6876,
-30.8601)

Have a look what the booklet for
HunterLab(55.1908, -3.6876,
-30.8601) contains.

HunterLab(55.1264, -3.4574, -30.9695)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(55.1264, -3.4574,
-30.9695)**

Conversions

Conversions Part 1

Format	Color
Hex	6999D1
RGB	105, 153, 209
RGB Percent	41%, 60%, 82%
CMY	0.5882, 0.4000, 0.1804
CMYK	0.50, 0.27, 0.00, 0.18
HSL	212°, 53%, 62%
HSV	212°, 50%, 82%
XYZ	28.7256, 30.3892, 64.6733
YIQ	145.0320, -46.5840, 7.2400

Conversions

Conversions Part 2

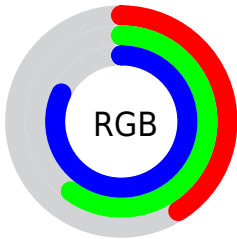
Format	Color
R _Y B	105, 138, 209
Decimal	6920657
CIE Lab	61.99, -0.62, -33.66
CIE LCh	62, 33.661, 268.952
Yxy	30.3903, 0.2321, 0.2455
Android (android.graphics.Color)	4285110737 (0xFF6999D1)
YUV	145.0320, 31.5362, -35.1081
Hunter-Lab	55.1264, -3.4574, -30.9695

Details

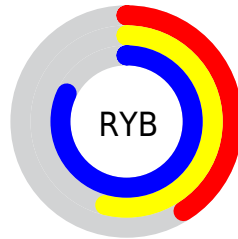
The HunterLab color **55.1264, -3.4574, -30.9695** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **63.2980, 6.5128, 26.5984**, and the grayscale version is **53.1166, -2.8342, 2.8859**.

A 20% lighter version of the original color is **77.0861, -7.4025, -25.3960**, and **35.2706, -2.2260, -29.6967** is the 20% darker color. If you saturate the color by 10%, you get **50.7586, -1.5800, -39.2114**, and if you desaturate by 10%, it is **59.7283, -4.6468, -23.1566**.

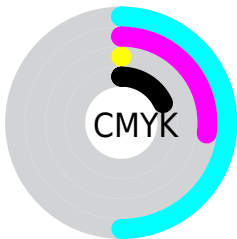
Distribution



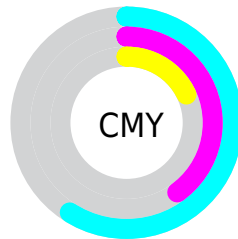
- Red (41%)
- Green (60%)
- Blue (82%)



- Red (41%)
- Yellow (54%)
- Blue (82%)



- Cyan (50%)
- Magenta (27%)
- Yellow (0%)
- Black (18%)



- Cyan (59%)
- Magenta (40%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.1264, -3.4574, -30.9695 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 55.1264, -3.4574, -30.9695 by changing the saturation by 10% instead.

■ 55.1264, -3.4574,
-30.9695

■ 55.1264, -3.4574,
-30.9695

174.2755,
-10.0619, -34.4669

■ 44.8721, -2.8755,
-30.3571

■ 77.6395, -4.7221,
-32.0907

■ 35.3458, -2.3299,
-29.7457

■ 89.8226, -5.4015,
-32.5821

■ 26.6093, -1.8232,
-29.1962

■ 102.5837, -6.1105,
-33.0224

■ 18.7417, -1.3584,
-28.8550

■ 115.8977, -6.8479,
-33.4110

■ 11.8524, -0.9394,
-29.1237

129.7425, -7.6126,
-33.7485

■ 4.6931, -0.8224,
-43.2239

144.0985, -8.4038,

0.0000, NaN, -NF

-34.0361

0.0000, NaN, -NF

158.9482, -9.2204,
-34.2750

0.0000, NaN, NaN

■ 55.1264, -3.4574,
-30.9695

■ 55.1264, -3.4574,
-30.9695

■ 50.7586, -1.5800,
-39.2114

■ 59.7283, -4.6468,
-23.1566

■ 46.6520, 1.0825,
-47.8977

■ 64.5349, -5.2415,
-15.7453

■ 42.8405, 4.6179,
-57.0051

■ 69.5247, -5.3252,
-8.6947

■ 39.3569, 9.0793,
-66.4632

■ 74.6783, -4.9705,
-1.9627

■ 36.2033, 14.3738,
-76.2296

■ 79.9796, -4.2389,
4.4912

■ 36.1297, 14.5062,
-76.4737

■ 85.4148, -3.1819,
10.7043

■ 90.9721, -1.8427,
16.7101

■ 94.8606, -6.4190,
20.6376

■ 98.4533, -12.2338,
24.1254

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.1274, -16.6997, -25.1592



55.1264, -3.4574, -30.9695



55.1274, 11.3261, -25.8831

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.1274, -3.4574, -30.9683



55.1274, 23.8575, 14.4341



55.1274, -25.0094, 15.0823

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



55.1264, -3.4574, -30.9695



63.2980, 6.5128, 26.5984

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.1274, -15.8964, 21.6388



55.1264, -3.4574, -30.9695



55.1274, 12.3076, 21.3389

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.1274, -3.4574, -30.9683



55.1274, 28.0533, 2.5096



55.1274, -2.4295, 23.5929



55.1274, -28.3172, 3.4874

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.1264, -3.4574, -30.9695



55.1274, 19.8849, -17.5942



55.1274, -2.4295, 23.5929



55.1274, -22.5735, 17.8250

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



55.1274, -3.4574, -30.9683



90.0051, -6.5285, -6.9755



71.5258, -37.7910, 15.6651



41.0066, -3.0570, -4.0642

0.0000, NaN, NaN



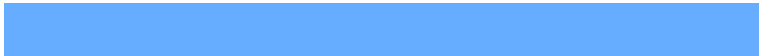
46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.1274, -3.4574, -30.9683



63.0748, -1.7120, -50.0944



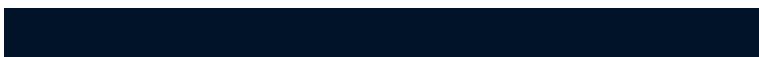
42.3384, 22.0443, -57.9995



35.0770, -2.3198, -0.8118



28.7075, 10.6805, -58.9379



7.8659, 0.4577, -10.8199

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.9505, 40.8014, -2.9612



58.1076, 62.6481, -3.2379



77.2507, -18.0954, 37.0264



34.4931, 1.9045, 1.0316



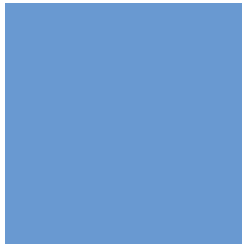
29.8383, 52.9268, 5.1114



7.1677, 12.9228, -0.3908

Previews

White Background



This preview shows how the HunterLab color 55.1264, -3.4574, -30.9695 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 55.1264, -3.4574, -30.9695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

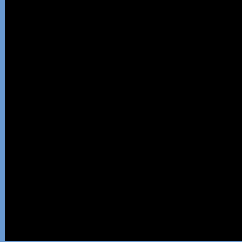
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 55.1264, -3.4574, -30.9695 Background



This preview shows how black text looks on a background with the HunterLab color 55.1264, -3.4574, -30.9695.



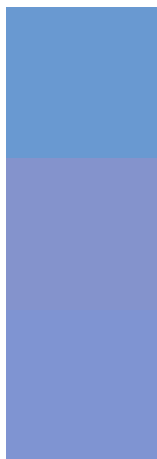
This preview shows how white text looks on a background with the HunterLab color 55.1264, -3.4574,

-30.9695.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

55.1264, -3.4574, -30.9695

Protanopia

54.8932, 4.2493, -27.8032

Deuteranopia

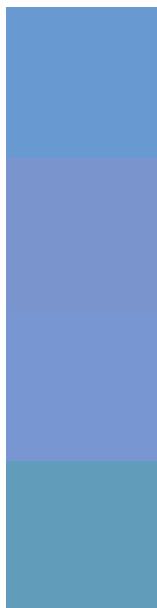
55.0863, 3.9700, -31.6123



Tritanopia

55.2140, -17.0059, -8.7288

Trichromacy



Original Color

55.1264, -3.4574, -30.9695

Protanomaly

54.8532, 1.3516, -29.2917

Deuteranomaly

55.1251, 1.1496, -31.5915

Tritanomaly

54.9550, -12.2086, -16.4696

Monochromacy



Original Color

55.1264, -3.4574, -30.9695

Achromatopsia

53.2117, -2.8392, 2.8911

Achromatomaly

53.6216, -4.4118, -7.9978

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.1264, -3.4574, -30.9695 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(105, 153, 209)` looks like.

```
.text, #text, p{  
    color:rgb(105, 153, 209)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(105, 153, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 153, 209) }
```

Border

The CSS property to change the border of an element to HunterLab 55.1264, -3.4574, -30.9695 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 153, 209) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(105, 153, 209) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(105, 153, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 153, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 153, 209);  
box-shadow:4px 4px 4px 4px rgb(105, 153,  
209) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.1264, -3.4574, -30.9695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 153, 209) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(105,  
153, 209) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor