

Converting Colors

HunterLab(55.6595, -12.5126,
-15.4656)

Have a look what the booklet for
HunterLab(55.6595, -12.5126,
-15.4656) contains.

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Color

**HunterLab(55.7232,
-12.5742, -15.3116)**

Conversions

Conversions Part 1

Format	Color
Hex	649FBA
RGB	100, 159, 186
RGB Percent	39%, 62%, 73%
CMY	0.6078, 0.3765, 0.2706
CMYK	0.46, 0.15, 0.00, 0.27
HSL	199°, 38%, 56%
HSV	199°, 46%, 73%
XYZ	26.5166, 31.0508, 51.0502
YIQ	144.4370, -43.8310, -4.1110

Conversions

Conversions Part 2

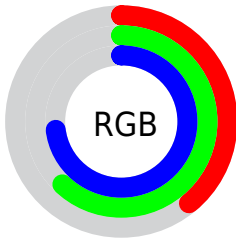
Format	Color
R_{YB}	100, 135, 186
Decimal	6594490
CIE _{Lab}	62.55, -11.87, -19.94
CIE _{LCh}	63, 23.206, 239.237
Yxy	31.0519, 0.2441, 0.2859
Android (android.graphics.Color)	4284784570 (0xFF649FBA)
YUV	144.4370, 20.4906, -38.9712
Hunter-Lab	55.7232, -12.5742, -15.3116

Details

The HunterLab color **55.7232, -12.5742, -15.3116** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **51.5157, 14.2816, 18.1166**, and the grayscale version is **52.9198, -2.8237, 2.8752**.

A 20% lighter version of the original color is **78.4044, -15.1990, -15.4784**, and **35.9917, -10.2420, -14.5559** is the 20% darker color. If you saturate the color by 10%, you get **53.0550, -13.0789, -19.4509**, and if you desaturate by 10%, it is **58.5598, -11.5127, -11.1515**.

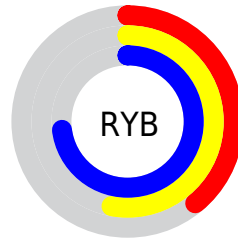
Distribution



Red (39%)

Green (62%)

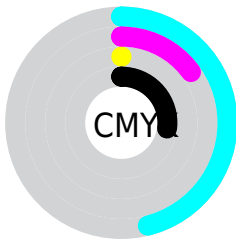
Blue (73%)



Red (39%)

Yellow (53%)

Blue (73%)

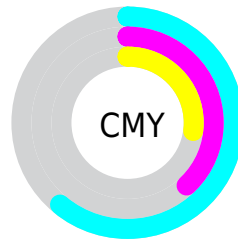


Cyan (46%)

Magenta (15%)

Yellow (0%)

Black (27%)



Cyan (61%)

Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.7232, -12.5742, -15.3116 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 55.7232, -12.5742, -15.3116 by changing the saturation by 10% instead.

■ 55.7232, -12.5742,
-15.3116

■ 55.7232, -12.5742,
-15.3116

175.1506,
-23.6827, -15.3753

■ 45.4295, -11.3466,
-15.0160

■ 78.3083, -15.0110,
-15.7056

■ 35.8608, -10.1021,
-14.6545

■ 90.5246, -16.2291,
-15.8122

■ 27.0780, -8.8281,
-14.2302

■ 103.3174,
-17.4514, -15.8628

■ 19.1591, -7.5030,
-13.7620

■ 116.6617,
-18.6799, -15.8604

■ 12.2111, -6.0870,
-13.3193

130.5358,
-19.9161, -15.8079

■ 5.3147, -9.3007,
-17.5373

144.9200,

0.0000, NaN, -NF

-21.1615, -15.7080

0.0000, NaN, NaN

159.7969,
-22.4168, -15.5631

0.0000, NaN, NaN

■ 55.7232, -12.5742,
-15.3116

■ 55.7232, -12.5742,
-15.3116

■ 53.0550, -13.0789,
-19.4509

■ 58.5598, -11.5127,
-11.1515

■ 50.5607, -12.9849,
-23.5474

■ 61.5519, -9.9404,
-6.9937

■ 48.2474, -12.2635,
-27.5720

■ 64.6907, -7.9060,
-2.8529

■ 46.1174, -10.9069,
-31.4975

■ 67.9662, -5.4566,
1.2602

■ 44.1634, -8.9490,
-35.3098

■ 71.3687, -2.6361,
5.3383

■ 43.4526, -8.1336,
-36.7537

■ 74.8895, 0.5153,
9.3773

■ 78.5202, 3.9613,
13.3754

■ 82.2532, 7.6702,
17.3325

■ 84.6587, 6.8952,
19.7528

Harmonies

Analogous

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



55.7243, -18.9444, -6.7754



55.7232, -12.5742, -15.3116



55.7243, -3.2349, -18.8054

Triad

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



55.7243, -12.5745, -15.3106



55.7243, 17.8231, 2.7864



55.7243, -12.1563, 16.8767

Complementary

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



55.7232, -12.5742, -15.3116



51.5157, 14.2816, 18.1166

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.



55.7243, -2.7172, 18.5362



55.7232, -12.5742, -15.3116



55.7243, 15.0207, 11.3301

Square

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



55.7243, -12.5745, -15.3106



55.7243, 14.7302, -7.2781



55.7243, 7.3190, 16.6981



55.7243, -18.7154, 11.6867

Rectangle

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



55.7232, -12.5742, -15.3116



55.7243, 3.5740, -17.4025



55.7243, 7.3190, 16.6981



55.7243, -9.2373, 17.8201

Sweetspot

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



55.7243, -12.5745, -15.3106



87.9625, -10.0262, -2.7283



62.7128, -34.1262, 19.4476



40.8367, -5.0187, -1.8461



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



55.7243, -12.5745, -15.3106



71.5414, -17.5986, -26.0067



43.6173, 7.5802, -36.1377



31.1803, -2.9141, -0.0042



35.8348, -6.9673, -29.7500



7.4708, -2.3883, -4.1821

Inverse Universe

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



46.9655, 35.8806, -11.8418



58.3535, 58.9298, -18.7942



62.9774, -6.1857, 27.3465



30.1885, 1.9094, 0.1088



28.4230, 52.3890, -10.4215



5.4354, 10.1887, -3.3125

Previews

White Background



This preview shows how the HunterLab color 55.7232, -12.5742, -15.3116 looks on a white background.

Color Contrast Check

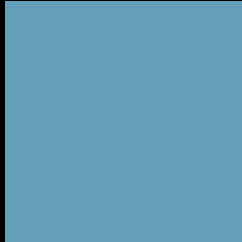
Large Text (above 18pt) WCAG AA × Fail

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 55.7232, -12.5742, -15.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

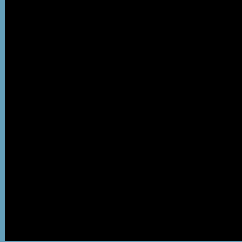
Any Text WCAG AA ✓ Pass

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 55.7232, -12.5742, -15.3116 Background



This preview shows how black text looks on a background with the HunterLab color 55.7232, -12.5742, -15.3116.



This preview shows how white text looks on a background with the HunterLab color 55.7232, -12.5742, -15.3116.

-12.5742, -15.3116.

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

55.7232, -12.5742, -15.3116

Protanopia

55.3885, 0.9939, -11.5044

Deuteranopia

55.6072, 3.8704, -16.3952



Tritanopia

55.7068, -16.7113, -8.5864

Trichromacy



Original Color

55.7232, -12.5742, -15.3116

Protanomaly

55.4518, -4.5366, -13.2295

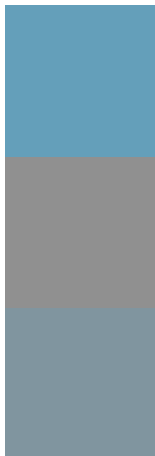
Deuteranomaly

55.4179, -2.7640, -16.1987

Tritanomaly

55.5854, -15.2698, -10.9425

Monochromacy



Original Color

55.7232, -12.5742, -15.3116

Achromatopsia

52.8104, -2.8178, 2.8693

Achromatomaly

53.4671, -7.0750, -3.5508

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.7232, -12.5742, -15.3116 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(100, 159, 186)` looks like.

```
.text, #text, p{  
    color:rgb(100, 159, 186)  
}
```

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(100, 159, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 159, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 55.7232, -12.5742, -15.3116 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(100, 159, 186) }
```


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

```
.border{ border-color:rgb(100, 159, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 159, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 159, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 159, 186);  
box-shadow:4px 4px 4px 4px rgb(100, 159,  
186) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.7232, -12.5742, -15.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 159, 186) }
```

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

```
.background{ background-color: rgb(100,  
159, 186) }
```

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](#).

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