

Converting Colors

HunterLab(55.5748, -14.4034,
-17.9791)

Have a look what the booklet for
HunterLab(55.5748, -14.4034,
-17.9791) contains.

HunterLab(55.5748, -14.4034, -17.9791)	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(55.5748,
-14.4034, -17.9791)**

Conversions

Conversions Part 1

Format	Color
Hex	57A0BE
RGB	87, 160, 190
RGB Percent	34%, 63%, 75%
CMY	0.6588, 0.3725, 0.2549
CMYK	0.54, 0.16, 0.00, 0.25
HSL	197°, 44%, 54%
HSV	197°, 54%, 75%
XYZ	25.7956, 30.8856, 53.3172
YIQ	141.5930, -53.1380, -6.1460

Conversions

Conversions Part 2

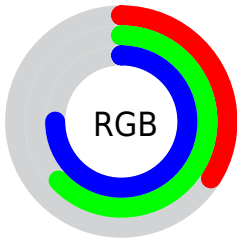
Format	Color
R _Y B	87, 130, 190
Decimal	5742782
CIE Lab	62.41, -14.26, -22.45
CIE LCh	62, 26.592, 237.581
Yxy	30.8867, 0.2345, 0.2808
Android (android.graphics.Color)	4283932862 (0xFF57A0BE)
YUV	141.5930, 23.8647, -47.8781
Hunter-Lab	55.5748, -14.4034, -17.9791

Details

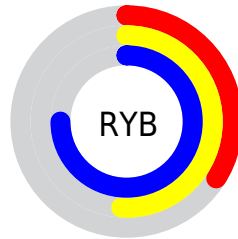
The HunterLab color **55.5748, -14.4034, -17.9791** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **49.3547, 19.6617, 19.9231**, and the grayscale version is **51.7707, -2.7624, 2.8128**.

A 20% lighter version of the original color is **78.2202, -17.2240, -18.1907**, and **35.6090, -11.3537, -17.6628** is the 20% darker color. If you saturate the color by 10%, you get **53.1160, -14.6123, -21.9044**, and if you desaturate by 10%, it is **58.2121, -13.5873, -13.9857**.

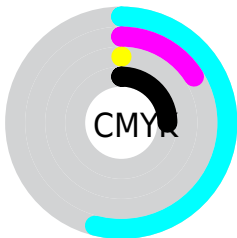
Distribution



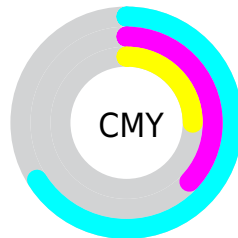
- Red (34%)
- Green (63%)
- Blue (75%)



- Red (34%)
- Yellow (51%)
- Blue (75%)



- Cyan (54%)
- Magenta (16%)
- Yellow (0%)
- Black (25%)



- Cyan (66%)
- Magenta (37%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.5748, -14.4034, -17.9791 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 55.5748, -14.4034, -17.9791 by changing the saturation by 10% instead.

■ 55.5748, -14.4034,
-17.9791

■ 55.5748, -14.4034,
-17.9791

174.9332,
-26.4880, -18.7463

■ 45.2909, -13.0335,
-17.6063

■ 78.1420, -17.0961,
-18.5336

■ 35.7326, -11.6343,
-17.1734

■ 90.3501, -18.4314,
-18.7208

■ 26.9613, -10.1892,
-16.6901

■ 103.1350,
-19.7649, -18.8512

■ 19.0551, -8.6702,
-16.1900

■ 116.4718,
-21.0997, -18.9278

■ 12.1217, -7.0259,
-15.7806

130.3386,
-22.4378, -18.9531

■ 5.1673, -9.0428,
-21.2369

144.7159,

0.0000, NaN, -NF

-23.7810, -18.9298

0.0000, NaN, NaN

159.5860,
-25.1307, -18.8601

0.0000, NaN, NaN

■ 55.5748, -14.4034,
-17.9791

■ 55.5748, -14.4034,
-17.9791

■ 53.1160, -14.6123,
-21.9044

■ 58.2121, -13.5873,
-13.9857

■ 50.8380, -14.1849,
-25.7371

■ 61.0169, -12.2041,
-9.9524

■ 48.7435, -13.1128,
-29.4504

■ 63.9811, -10.3004,
-5.8995

■ 46.8270, -11.4201,
-33.0269

■ 67.0951, -7.9246,
-1.8439

■ 45.7727, -10.2538,
-35.0768

■ 70.3492, -5.1237,
2.2017

■ 73.7341, -1.9423,
6.2280

■ 77.2410, 1.5788,
10.2290

■ 80.8614, 5.4027,
14.2011

■ 84.2474, 8.3671,
17.7751

Harmonies

Analogous

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



55.5758, -21.3511, -7.6969



55.5748, -14.4034, -17.9791



55.5758, -3.9046, -22.5563

Triad

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



55.5758, -14.4035, -17.9781



55.5758, 21.0611, 2.1241



55.5758, -12.9019, 18.7089

Complementary

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



55.5748, -14.4034, -17.9791



49.3547, 19.6617, 19.9231

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.



55.5758, -2.0259, 20.2928



55.5748, -14.4034, -17.9791



55.5758, 18.1657, 11.9618

Square

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



55.5758, -14.4035, -17.9781



55.5758, 17.0941, -9.5637



55.5758, 9.4733, 18.0936



55.5758, -20.5353, 13.2203

Rectangle

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



55.5748, -14.4034, -17.9791



55.5758, 3.9150, -21.1779



55.5758, 9.4733, 18.0936



55.5758, -9.5323, 19.6596

Sweetspot

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



55.5758, -14.4035, -17.9781



89.4446, -11.3723, -3.6012



63.3397, -38.9596, 22.8275



41.5011, -5.6529, -2.2207



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



55.5758, -14.4035, -17.9781



70.9180, -19.6294, -30.4489



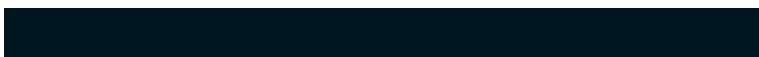
40.9269, 10.0601, -45.1786



32.1361, -3.0955, 0.0580



37.5125, -8.6407, -28.2345



8.1165, -2.7008, -4.3147

Inverse Universe

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



45.0585, 43.9131, -15.2300



55.4796, 71.3143, -23.3044



62.8687, -5.2501, 30.1429



31.0606, 2.0105, 0.0208



29.0693, 53.8103, -12.4421



5.8469, 10.9832, -3.7427

Previews

White Background



This preview shows how the HunterLab color 55.5748, -14.4034, -17.9791 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 55.5748, -14.4034, -17.9791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

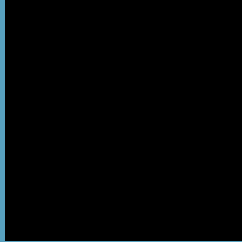
Any Text WCAG AA ✓ Pass

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 55.5748, -14.4034, -17.9791 Background



This preview shows how black text looks on a background with the HunterLab color 55.5748, -14.4034, -17.9791.



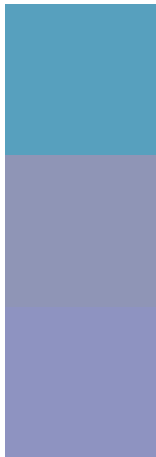
This preview shows how white text looks on a background with the HunterLab color 55.5748,

-14.4034, -17.9791.

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

55.5748, -14.4034, -17.9791

Protanopia

55.4183, 1.3170, -13.1762

Deuteranopia

55.1983, 4.3450, -20.1030



Tritanopia

55.4699, -19.0802, -10.0568

Trichromacy



Original Color

55.5748, -14.4034, -17.9791

Protanomaly

55.2234, -5.1125, -15.3400

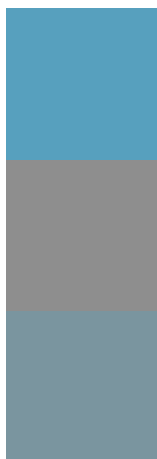
Deuteranomaly

55.1360, -3.3509, -19.7104

Tritanomaly

55.4173, -17.2874, -12.9258

Monochromacy



Original Color

55.5748, -14.4034, -17.9791

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

53.0431, -8.5896, -4.1294

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.5748, -14.4034, -17.9791 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(87, 160, 190)` looks like.

```
.text, #text, p{  
    color:rgb(87, 160, 190)  
}
```

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(87, 160, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 160, 190) }
```

Border

The CSS property to change the border of an element to HunterLab 55.5748, -14.4034, -17.9791 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(87, 160, 190) }
```


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

```
.border{ border-color:rgb(87, 160, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 160, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 160, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 160, 190);  
box-shadow:4px 4px 4px 4px rgb(87, 160,  
190) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.5748, -14.4034, -17.9791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 160, 190) }
```

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

```
.background{ background-color: rgb(87, 160,  
190) }
```

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