

Converting Colors

HunterLab(48.7815, 13.4317,
-63.4045)

Have a look what the booklet for
HunterLab(48.7815, 13.4317,
-63.4045) contains.

HunterLab(48.8987, 13.2525, -63.1099)	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(48.8987, 13.2525,
-63.1099)**

Conversions

Conversions Part 1

Format	Color
Hex	5D81E9
RGB	93, 129, 233
RGB Percent	36%, 51%, 91%
CMY	0.6353, 0.4941, 0.0863
CMYK	0.60, 0.45, 0.00, 0.09
HSL	225°, 76%, 64%
HSV	225°, 60%, 91%
XYZ	27.0724, 23.9108, 80.2791
YIQ	130.0920, -54.8400, 24.7120

Conversions

Conversions Part 2

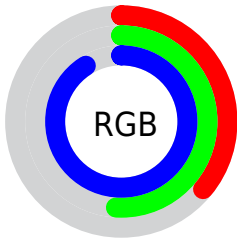
Format	Color
RYB	93, 122, 233
Decimal	6128105
CIELab	56.00, 18.64, -56.54
CIELCh	56, 59.538, 288.245
Yxy	23.9116, 0.2063, 0.1822
Android (android.graphics.Color)	4284318185 (0xFF5D81E9)
YUV	130.0920, 50.7336, -32.5297
Hunter-Lab	48.8987, 13.2525, -63.1099

Details

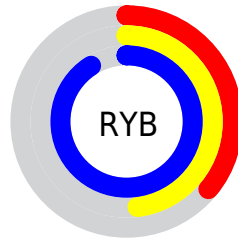
The HunterLab color **48.8987, 13.2525, -63.1099** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **76.1904, -3.1936, 38.8321**, and the grayscale version is **47.1065, -2.5135, 2.5594**.

A 20% lighter version of the original color is **68.5858, 4.1460, -39.4503**, and **29.9279, 12.5901, -63.7416** is the 20% darker color. If you saturate the color by 10%, you get **43.2376, 19.1748, -78.7337**, and if you desaturate by 10%, it is **55.0191, 8.4380, -49.0254**.

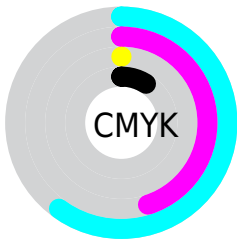
Distribution



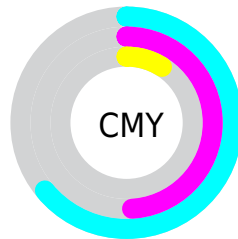
- Red (36%)
- Green (51%)
- Blue (91%)



- Red (36%)
- Yellow (48%)
- Blue (91%)



- Cyan (60%)
- Magenta (45%)
- Yellow (0%)
- Black (9%)



- Cyan (64%)
- Magenta (49%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8987, 13.2525, -63.1099 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 48.8987, 13.2525, -63.1099 by changing the saturation by 10% instead.

■ 48.8987, 13.2525,
-63.1099

■ 48.8987, 13.2525,
-63.1099

165.0373, 14.2129,
-69.7066

■ 39.0744, 12.7753,
-62.8113

■ 70.6299, 13.9327,
-64.3660

■ 30.0129, 12.1871,
-63.0082

■ 82.4533, 14.1542,
-65.1340

■ 21.7858, 11.4699,
-64.1843

■ 94.8714, 14.3069,
-65.9302

■ 14.4884, 10.5997,
-67.5129

■ 107.8570, 14.3967,
-66.7293

■ 8.1495, 10.0667,
-77.7894

121.3863, 14.4283,
-67.5151

0.0000, INF, -NF

0.0000, NaN, -NF

135.4384, 14.4060,

-68.2773

0.0000, NaN, -NF

149.9943, 14.3332,
-69.0092

0.0000, NaN, NaN

■ 48.8987, 13.2525,
-63.1099

■ 48.8987, 13.2525,
-63.1099

■ 43.2376, 19.1748,
-78.7337

■ 55.0191, 8.4380,
-49.0254

■ 38.1408, 26.3396,
-95.8755

■ 61.5140, 4.5472,
-36.3199

■ 33.7412, 34.7119,
-114.0661

■ 68.3220, 1.4087,
-24.7756

■ 30.1749, 43.7297,
-132.1159

■ 75.3961, -1.1226,
-14.1840

■ 82.7001, -3.1630,
-4.3648

■ 90.2062, -4.8044,
4.8306

■ 97.7845, -6.4944,
13.3976

■ 99.3294, -9.0222,
15.0323

Harmonies

Analogous

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



48.8995, -11.9639, -65.9556



48.8987, 13.2525, -63.1099



48.8995, 38.3492, -38.2758

Triad

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



48.8995, 13.2533, -63.1086



48.8995, 33.4209, 25.8684



48.8995, -41.1279, 11.0404

Complementary

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



48.8987, 13.2525, -63.1099



76.1904, -3.1936, 38.8321

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.



48.8995, -33.3771, 24.2772



48.8987, 13.2525, -63.1099



48.8995, 7.5007, 29.5181

Square

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



48.8995, 13.2533, -63.1086



48.8995, 51.4996, 14.8539



48.8995, -16.6810, 29.1335



48.8995, -40.1986, -13.8012

Rectangle

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



48.8987, 13.2525, -63.1099



48.8995, 50.1066, -17.3428



48.8995, -16.6810, 29.1335



48.8995, -39.5264, 16.6811

Sweetspot

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



48.8995, 13.2533, -63.1086



85.1180, -1.7341, -13.4812



80.3593, -43.8253, 10.3635



38.2995, -0.4661, -7.7564

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.8995, 13.2533, -63.1086



46.5562, 22.9209, -91.3955



42.5722, 39.4567, -80.4408



38.9595, -1.5341, -1.7731



23.0987, 31.7869, -97.4902



7.5499, 5.9209, -22.2184

Inverse Universe

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



51.7095, 52.7033, 8.9718



52.0960, 69.2711, 13.5922



84.4951, -31.6249, 44.2439



38.8814, 1.8511, 2.1065



31.6724, 54.8766, 15.5314



8.9608, 15.6925, 3.1016

Previews

White Background



This preview shows how the HunterLab color 48.8987, 13.2525, -63.1099 looks on a white background.

Color Contrast Check

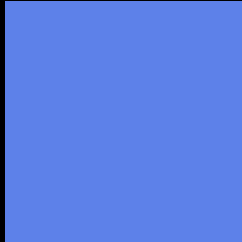
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.8987, 13.2525, -63.1099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

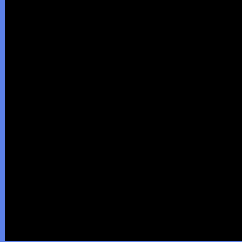
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 48.8987, 13.2525, -63.1099 Background



This preview shows how black text looks on a background with the HunterLab color 48.8987, 13.2525, -63.1099.



This preview shows how white text looks on a background with the HunterLab color 48.8987, 13.2525, -63.1099.

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

48.8987, 13.2525, -63.1099

Protanopia

48.8715, 11.8915, -64.1139

Deuteranopia

48.9846, 4.8682, -62.1359



Tritanopia

48.9451, -19.0823, -9.3591

Trichromacy



Original Color

48.8987, 13.2525, -63.1099

Protanomaly

49.0200, 12.3635, -63.7279

Deuteranomaly

48.8533, 7.3396, -62.4219

Tritanomaly

48.5783, -8.8270, -26.2406

Monochromacy



Original Color

48.8987, 13.2525, -63.1099

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.4734, 0.7464, -16.3933

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8987, 13.2525, -63.1099 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(93, 129, 233)` looks like.

```
.text, #text, p{  
  color:rgb(93, 129, 233)  
}
```

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(93, 129, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 129, 233) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8987, 13.2525, -63.1099 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(93, 129, 233) }
```


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

```
.border{ border-color:rgb(93, 129, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 129, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 129, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 129, 233);  
box-shadow:4px 4px 4px 4px rgb(93, 129,  
233) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8987, 13.2525, -63.1099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 129, 233) }
```

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

```
.background{ background-color: rgb(93, 129,  
233) }
```

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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