

Converting Colors

HunterLab(40.1693, 11.7931,
-54.4276)

Have a look what the booklet for
HunterLab(40.1693, 11.7931,
-54.4276) contains.

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Color

**HunterLab(40.2187, 11.9333,
-54.6633)**

Conversions

Conversions Part 1

Format	Color
Hex	4C6BC7
RGB	76, 107, 199
RGB Percent	30%, 42%, 78%
CMY	0.7019, 0.5804, 0.2196
CMYK	0.62, 0.46, 0.00, 0.22
HSL	225°, 52%, 54%
HSV	225°, 62%, 78%
XYZ	18.5470, 16.1754, 56.1776
YIQ	108.2190, -48.0080, 22.0400

Conversions

Conversions Part 2

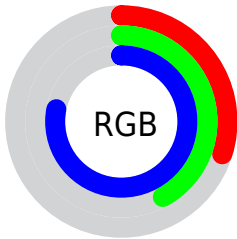
Format	Color
RYB	76, 101, 199
Decimal	5008327
CIELab	47.20, 17.58, -51.44
CIElCh	47, 54.359, 288.871
Yxy	16.1759, 0.2040, 0.1779
Android (android.graphics.Color)	4283198407 (0xFF4C6BC7)
YUV	108.2190, 44.7550, -28.2561
Hunter-Lab	40.2187, 11.9333, -54.6633

Details

The HunterLab color **40.2187, 11.9333, -54.6633** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **63.7744, -2.8333, 32.8900**, and the grayscale version is **38.6571, -2.0626, 2.1003**.

A 20% lighter version of the original color is **60.6833, 12.2542, -54.8283**, and **22.9027, 11.7486, -53.9881** is the 20% darker color. If you saturate the color by 10%, you get **35.5553, 17.0142, -67.8961**, and if you desaturate by 10%, it is **45.2730, 7.7828, -42.7292**.

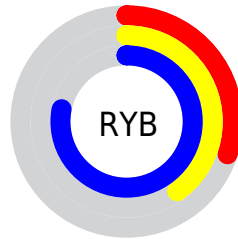
Distribution



Red (30%)

Green (42%)

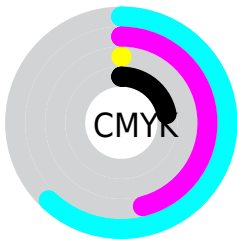
Blue (78%)



Red (30%)

Yellow (40%)

Blue (78%)

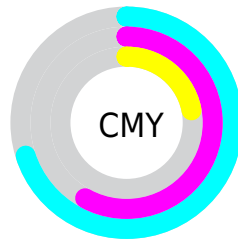


Cyan (62%)

Magenta (46%)

Yellow (0%)

Black (22%)



Cyan (70%)

Magenta (58%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2187, 11.9333, -54.6633 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 40.2187, 11.9333, -54.6633 by changing the saturation by 10% instead.

■ 40.2187, 11.9333, -54.6633

■ 40.2187, 11.9333, -54.6633

151.7820, 13.0142, -60.8503

■ 31.0624, 11.4151, -54.4926

■ 60.7482, 12.6686, -55.8110

■ 22.7304, 10.7724, -54.9823

■ 72.0225, 12.9086, -56.5430

■ 15.3147, 9.9821, -56.9293

■ 83.9191, 13.0756, -57.3034

■ 8.9307, 9.0894, -62.8424

■ 96.4070, 13.1763, -58.0640

0.0000, INF, -NF

0.0000, NaN, -NF

109.4593, 13.2162, -58.8076

0.0000, NaN, -NF

123.0527, 13.2000,

0.0000, NaN, NaN

-59.5237

0.0000, NaN, NaN

137.1665, 13.1316,
-60.2059

■ 40.2187, 11.9333,
-54.6633

■ 40.2187, 11.9333,
-54.6633

■ 35.5553, 17.0142,
-67.8961

■ 45.2730, 7.7828,
-42.7292

■ 31.3726, 23.1244,
-82.3790

■ 50.6456, 4.4129,
-31.9710

■ 27.7837, 30.2042,
-97.6571

■ 56.2837, 1.6806,
-22.2082

■ 25.3327, 36.3883,
-110.2156

■ 62.1468, -0.5364,
-13.2642

■ 68.2042, -2.3371,
-4.9850

■ 74.4319, -3.7994,
2.7569

■ 80.8110, -4.9847,
10.0645

■ 87.3264, -5.9409,
17.0204

■ 93.9550, -6.7440,
23.6791

Harmonies

Analogous

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



40.2193, -9.7321, -57.6396



40.2187, 11.9333, -54.6633



40.2193, 33.4736, -32.6703

Triad

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



40.2193, 11.9340, -54.6622



40.2193, 28.3983, 21.8369



40.2193, -34.8913, 8.9899

Complementary

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



40.2187, 11.9333, -54.6633



63.7744, -2.8333, 32.8900

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.



40.2193, -28.5220, 20.2780



40.2187, 11.9333, -54.6633



40.2193, 6.0431, 24.6981

Square

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



40.2193, 11.9340, -54.6622



40.2193, 44.2583, 12.8381



40.2193, -14.5251, 24.3320



40.2193, -33.9600, -12.5149

Rectangle

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



40.2187, 11.9333, -54.6633



40.2193, 43.4823, -14.4860



40.2193, -14.5251, 24.3320



40.2193, -33.5966, 13.8277

Sweetspot

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



40.2193, 11.9340, -54.6622



84.2367, -1.3595, -14.7072



67.1897, -37.0690, 8.8323



37.9083, -0.2824, -8.3177

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.2193, 11.9340, -54.6622



45.1553, 25.0126, -95.9598



35.0411, 33.8594, -69.2401



32.7332, -1.2774, -1.4386



20.6062, 28.2675, -86.7774



5.6643, 3.0557, -13.6764

Inverse Universe

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



42.8644, 44.8864, 7.9581



51.3840, 70.6901, 14.5819



70.6745, -26.7674, 37.3436



32.6804, 1.4804, 1.7892



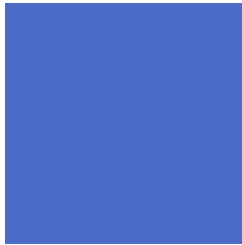
28.2288, 48.9129, 13.8203



6.2403, 11.0026, 1.5833

Previews

White Background



This preview shows how the HunterLab color 40.2187, 11.9333, -54.6633 looks on a white 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

Black Background



This preview shows how the HunterLab color 40.2187, 11.9333, -54.6633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

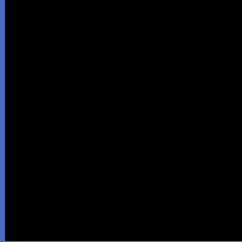
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 40.2187, 11.9333, -54.6633 Background



This preview shows how black text looks on a background with the HunterLab color 40.2187, 11.9333, -54.6633.



This preview shows how white text looks on a background with the HunterLab color 40.2187, 11.9333, -54.6633.

-54.6633.

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

40.2187, 11.9333, -54.6633

Protanopia

40.1105, 10.3669, -55.8748

Deuteranopia

40.2626, 3.6905, -53.8000



Tritanopia

40.1231, -16.2928, -7.8196

Trichromacy



Original Color

40.2187, 11.9333, -54.6633

Protanomaly

40.2459, 10.7950, -55.5122

Deuteranomaly

40.1236, 6.0535, -54.1168

Tritanomaly

39.9188, -7.5349, -22.2494

Monochromacy



Original Color

40.2187, 11.9333, -54.6633

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

38.9037, 0.7153, -14.4194

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2187, 11.9333, -54.6633 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(76, 107, 199)` looks like.

```
.text, #text, p{  
    color:rgb(76, 107, 199)  
}
```

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(76, 107, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 107, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2187, 11.9333, -54.6633 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(76, 107, 199) }
```


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

```
.border{ border-color:rgb(76, 107, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 107, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 107, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 107, 199);  
box-shadow:4px 4px 4px 4px rgb(76, 107,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2187, 11.9333, -54.6633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 107, 199) }
```

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

```
.background{ background-color: rgb(76, 107,  
199) }
```

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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