

Converting Colors

HunterLab(33.0025, 59.1027,
-126.3132)

Have a look what the booklet for
HunterLab(33.0025, 59.1027,
-126.3132) contains.

HunterLab(33.0030, 59.1192, -126.7291)	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>	30

Color

**HunterLab(33.0030, 59.1192,
-126.7291)**

Conversions

Conversions Part 1

Format	Color
Hex	6030F0
RGB	96, 48, 240
RGB Percent	38%, 19%, 94%
CMY	0.6235, 0.8118, 0.0588
CMYK	0.60, 0.80, 0.00, 0.06
HSL	255°, 86%, 56%
HSV	255°, 80%, 94%
XYZ	21.6090, 10.8920, 83.4016
YIQ	84.2400, -33.0240, 69.8880

Conversions

Conversions Part 2

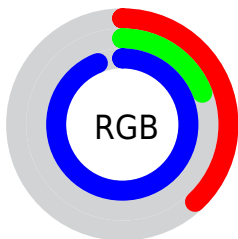
Format	Color
R _Y B	96, 48, 240
Decimal	6303984
CIE Lab	39.40, 66.38, -87.48
CIE LCh	39, 109.815, 307.193
Yxy	10.8922, 0.1864, 0.0940
Android (android.graphics.Color)	4284494064 (0xFF6030F0)
YUV	84.2400, 76.7897, 10.3135
Hunter-Lab	33.0030, 59.1192, -126.7291

Details

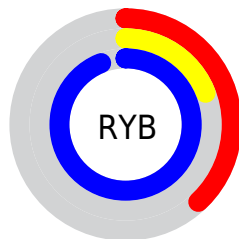
The HunterLab color **33.0030, 59.1192, -126.7291** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **85.8714, -39.2118, 50.2966**, and the grayscale version is **29.6005, -1.5794, 1.6082**.

A 20% lighter version of the original color is **49.2948, 49.5216, -82.5485**, and **18.3777, 49.8495, -130.5813** is the 20% darker color. If you saturate the color by 10%, you get **29.2652, 65.8785, -147.8303**, and if you desaturate by 10%, it is **38.0835, 50.4636, -103.9934**.

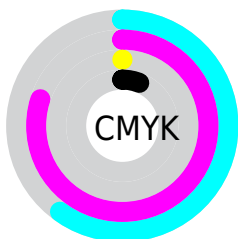
Distribution



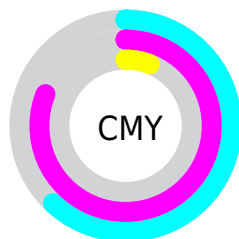
- Red (38%)
- Green (19%)
- Blue (94%)



- Red (38%)
- Yellow (19%)
- Blue (94%)



- Cyan (60%)
- Magenta (80%)
- Yellow (0%)
- Black (6%)



- Cyan (62%)
- Magenta (81%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.0030, 59.1192, -126.7291 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 33.0030, 59.1192, -126.7291 by changing the saturation by 10% instead.

■ 33.0030, 59.1192,
-126.7291

■ 33.0030, 59.1192,
-126.7291

■ 140.3305, 76.4562,
-124.1450

■ 24.4834, 56.9296,
-132.9528

■ 52.4029, 63.5671,
-121.7091

■ 16.8572, 55.0252,
-144.9968

■ 63.1665, 65.6917,
-120.9800

■ 10.2452, 54.1216,
-170.9926

■ 74.5803, 67.7234,
-120.8617

0.0000, INF, -NF

0.0000, NaN, -NF

■ 86.6091, 69.6578,
-121.1404

0.0000, NaN, -NF

■ 99.2229, 71.4952,
-121.6823

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 112.3959, 73.2383,

-122.3999

126.1051, 74.8906,
-123.2344

■ 33.0030, 59.1192,
-126.7291

■ 33.0030, 59.1192,
-126.7291

■ 29.2652, 65.8785,
-147.8303

■ 38.0835, 50.4636,
-103.9934

■ 26.9301, 69.4795,
-163.6878

■ 44.2295, 41.3604,
-82.5312

■ 51.1938, 32.5268,
-63.3611

■ 58.7896, 24.1858,
-46.4908

■ 66.8842, 16.3403,
-31.5784

75.3837, 8.9190,
-18.2314

84.2208, 1.8376,
-6.1067

93.3462, -4.9800,
5.0705

99.5346, -7.8916,
12.0883

Harmonies

Analogous

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



33.0033, 8.4778, -185.9000



33.0030, 59.1192, -126.7291



33.0033, 103.9043, -41.2705

Triad

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



33.0033, 59.1216, -126.7281



33.0033, 33.8377, 23.1023



33.0033, -48.7549, -8.7932

Complementary

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



33.0030, 59.1192, -126.7291



85.8714, -39.2118, 50.2966

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.



33.0033, -47.0516, 19.4731



33.0030, 59.1192, -126.7291



33.0033, -10.8892, 23.1023

Square

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



33.0033, 59.1216, -126.7281



33.0033, 85.0743, 22.9083



33.0033, -36.6822, 23.1023



33.0033, -43.5101, -80.6541

Rectangle

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



33.0030, 59.1192, -126.7291



33.0033, 116.2650, -2.0088



33.0033, -36.6822, 23.1023



33.0033, -48.9064, 5.1965

Sweetspot

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



33.0033, 59.1216, -126.7281



76.9967, 12.7470, -25.1829



66.7973, -21.2372, -32.3849



34.1216, 7.2175, -14.0345

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



33.0033, 59.1216, -126.7281



29.6591, 73.2160, -169.5677



44.2848, 77.7785, -81.7218



39.2679, 0.6831, -2.5490



20.0566, 51.5181, -120.1434



6.1651, 15.2050, -32.0392

Inverse Universe

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



49.4413, 81.3789, -27.9063



50.3656, 92.8372, -27.2755



80.6353, -60.2744, 46.5760



39.9499, 2.8084, -0.2438



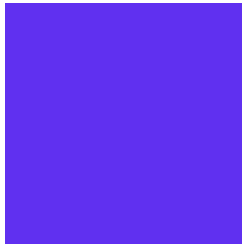
34.5934, 64.5207, -18.5640



10.0565, 18.8894, -6.4271

Previews

White Background



This preview shows how the HunterLab color 33.0030, 59.1192, -126.7291 looks on a white background.

Color Contrast Check

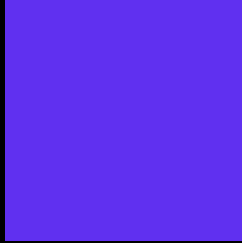
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.0030, 59.1192, -126.7291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

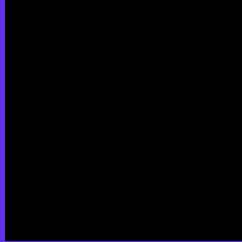
Any Text WCAG AA × Fail

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 33.0030, 59.1192, -126.7291 Background



This preview shows how black text looks on a background with the HunterLab color 33.0030, 59.1192, -126.7291.



This preview shows how white text looks on a background with the HunterLab color 33.0030, 59.1192, -126.7291.

-126.7291.

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

33.0030, 59.1192, -126.7291

Deuteranopia

32.7452, -0.4081, -40.0477

Tritanopia

32.7640, -13.5282, -6.2292

Trichromacy



Original Color

33.0030, 59.1192, -126.7291

Deuteranomaly

30.7900, 19.1805, -73.3992

Tritanomaly

30.5117, 9.4005, -43.0186

Monochromacy



Original Color

33.0030, 59.1192, -126.7291

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

29.1621, 16.8200, -32.9692

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.0030, 59.1192, -126.7291 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(96, 48, 240)` looks like.

```
.text, #text, p{  
    color:rgb(96, 48, 240)  
}
```

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(96, 48, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 48, 240) }
```

Border

The CSS property to change the border of an element to HunterLab 33.0030, 59.1192, -126.7291 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(96, 48, 240) }
```

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

```
.border{ border-color:rgb(96, 48, 240) }
```

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

Here you see how a box with a 4 pixel rgb(96, 48, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 48, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 48, 240);  
box-shadow:4px 4px 4px 4px rgb(96, 48,  
240) }
```


Background

The CSS property to change the background color of an element to HunterLab 33.0030, 59.1192, -126.7291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 48, 240) }
```

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

```
.background{ background-color: rgb(96, 48,  
240) }
```

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