

Converting Colors

HunterLab(33.1271, 6.2339,
-33.9067)

Have a look what the booklet for
HunterLab(33.1271, 6.2339,
-33.9067) contains.

HunterLab(33.2328, 6.0698, -33.9584)	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(33.2328, 6.0698,
-33.9584)**

Conversions

Conversions Part 1

Format	Color
Hex	445B9A
RGB	68, 91, 154
RGB Percent	27%, 36%, 60%
CMY	0.7333, 0.6431, 0.3961
CMYK	0.56, 0.41, 0.00, 0.40
HSL	224°, 39%, 44%
HSV	224°, 56%, 60%
XYZ	11.9577, 11.0442, 32.0733
YIQ	91.3050, -33.9310, 14.7170

Conversions

Conversions Part 2

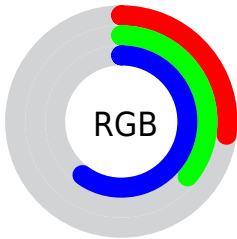
Format	Color
R_{YB}	68, 86, 154
Decimal	4479898
CIE _{Lab}	39.66, 10.65, -37.12
CIE _{LCh}	40, 38.613, 286.005
Yxy	11.0446, 0.2171, 0.2005
Android (android.graphics.Color)	4282669978 (0xFF445B9A)
YUV	91.3050, 30.9086, -20.4385
Hunter-Lab	33.2328, 6.0698, -33.9584

Details

The HunterLab color **33.2328, 6.0698, -33.9584** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **48.4985, -2.1090, 23.1611**, and the grayscale version is **32.3563, -1.7265, 1.7580**.

A 20% lighter version of the original color is **52.7170, 6.1411, -35.2514**, and **17.0684, 5.4286, -33.0529** is the 20% darker color. If you saturate the color by 10%, you get **29.6237, 9.1881, -42.7733**, and if you desaturate by 10%, it is **37.0796, 3.5413, -25.9741**.

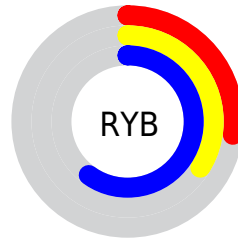
Distribution



Red (27%)

Green (36%)

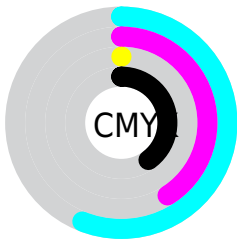
Blue (60%)



Red (27%)

Yellow (34%)

Blue (60%)

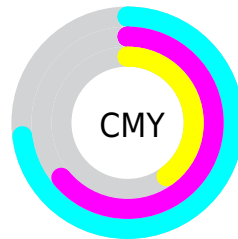


Cyan (56%)

Magenta (41%)

Yellow (0%)

Black (40%)



Cyan (73%)

Magenta (64%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2328, 6.0698, -33.9584 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 33.2328, 6.0698, -33.9584 by changing the saturation by 10% instead.

■ 33.2328, 6.0698,
-33.9584

■ 33.2328, 6.0698,
-33.9584

■ 140.7029, 4.8364,
-38.8613

■ 24.6917, 5.8549,
-33.5072

■ 52.6712, 6.2282,
-35.2015

■ 17.0413, 5.5243,
-33.4509

■ 63.4520, 6.1951,
-35.8433

■ 10.4012, 5.0478,
-34.4865

■ 74.8820, 6.0984,
-36.4580

0.0000, INF, -NF

0.0000, NaN, -NF

■ 86.9262, 5.9442,
-37.0334

0.0000, NaN, -NF

■ 99.5548, 5.7371,
-37.5634

0.0000, NaN, NaN

112.7418, 5.4814,

0.0000, NaN, NaN

-38.0452

0.0000, NaN, NaN

126.4645, 5.1802,
-38.4777

■ 33.2328, 6.0698,
-33.9584

■ 33.2328, 6.0698,
-33.9584

■ 29.6237, 9.1881,
-42.7733

■ 37.0796, 3.5413,
-25.9741

■ 26.3013, 12.9953,
-52.4831

■ 41.1235, 1.4998,
-18.7110

■ 23.3305, 17.5494,
-63.0094

■ 45.3350, -0.1442,
-12.0500

■ 20.7812, 22.7716,
-74.0198

■ 49.6912, -1.4644,
-5.8837

■ 19.8284, 25.0037,
-78.7595

■ 54.1742, -2.5199,
-0.1212

■ 58.7698, -3.3576,
5.3122

■ 63.4665, -4.0144,
10.4773

■ 68.2552, -4.5198,
15.4230

■ 73.1281, -4.8973,
20.1887

Harmonies

Analogous

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



33.2334, -8.1062, -34.4111



33.2328, 6.0698, -33.9584



33.2334, 20.1671, -21.6770

Triad

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



33.2334, 6.0701, -33.9575



33.2334, 19.3290, 15.5679



33.2334, -24.2818, 7.4825

Complementary

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



33.2328, 6.0698, -33.9584



48.4985, -2.1090, 23.1611

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.



33.2334, -19.1812, 15.2389



33.2328, 6.0698, -33.9584



33.2334, 5.0687, 18.4044

Square

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



33.2334, 6.0701, -33.9575



33.2334, 28.6536, 8.1872



33.2334, -8.9538, 18.3165



33.2334, -24.1055, -6.1539

Rectangle

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



33.2328, 6.0698, -33.9584



33.2334, 26.9352, -10.5404



33.2334, -8.9538, 18.3165



33.2334, -23.1700, 10.7116

Sweetspot

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



33.2334, 6.0701, -33.9575



66.0822, -1.7314, -9.1388



50.9336, -26.2458, 6.4910



30.9203, -0.6767, -5.0628



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



33.2334, 6.0701, -33.9575



38.7670, 13.5760, -60.8110



29.1147, 21.3745, -43.9432



25.0634, -1.0425, -0.9655



18.0434, 22.1370, -70.3401



3.2005, 0.4254, -4.9186

Inverse Universe

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



34.2931, 29.9434, 4.5430



41.7172, 49.4185, 8.4934



53.5819, -18.3128, 26.6441



24.9969, 1.0520, 1.3236



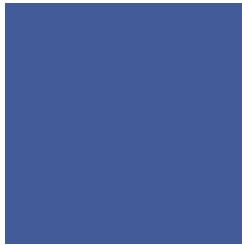
23.9457, 41.5789, 11.0457



3.0191, 5.4178, 0.0324

Previews

White Background



This preview shows how the HunterLab color 33.2328, 6.0698, -33.9584 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 33.2328, 6.0698, -33.9584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

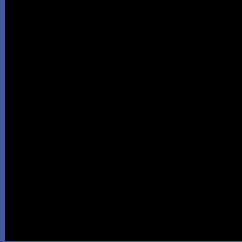
Any Text WCAG AA × Fail

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 33.2328, 6.0698, -33.9584 Background



This preview shows how black text looks on a background with the HunterLab color 33.2328, 6.0698, -33.9584.



This preview shows how white text looks on a background with the HunterLab color 33.2328, 6.0698, -33.9584.

-33.9584.

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

33.2328, 6.0698, -33.9584

Protanopia

33.1791, 5.8956, -34.0828

Deuteranopia

33.3430, 2.2938, -33.0032



Tritanopia

33.3396, -11.3403, -5.3842

Trichromacy



Original Color

33.2328, 6.0698, -33.9584

Protanomaly

33.1791, 5.8956, -34.0828

Deuteranomaly

33.3006, 3.5151, -33.0763

Tritanomaly

33.0150, -5.5282, -14.5962

Monochromacy



Original Color

33.2328, 6.0698, -33.9584

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.4593, 0.0888, -9.0758

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2328, 6.0698, -33.9584 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(68, 91, 154)` looks like.

```
.text, #text, p{  
    color:rgb(68, 91, 154)  
}
```

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(68, 91, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 91, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2328, 6.0698, -33.9584 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(68, 91, 154) }
```


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

```
.border{ border-color:rgb(68, 91, 154) }
```

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

Here you see how a box with a 4 pixel rgb(68, 91, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 91, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 91, 154);  
box-shadow:4px 4px 4px 4px rgb(68, 91,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.2328, 6.0698, -33.9584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 91, 154) }
```

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

```
.background{ background-color: rgb(68, 91,  
154) }
```

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