

Converting Colors

HunterLab(33.7632, 16.8137,
-35.0877)

Have a look what the booklet for
HunterLab(33.7632, 16.8137,
-35.0877) contains.

HunterLab(33.7219, 16.6446, -35.0131)	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(33.7219, 16.6446,
-35.0131)**

Conversions

Conversions Part 1

Format	Color
Hex	62549D
RGB	98, 84, 157
RGB Percent	38%, 33%, 62%
CMY	0.6157, 0.6706, 0.3843
CMYK	0.38, 0.46, 0.00, 0.38
HSL	252°, 30%, 47%
HSV	252°, 46%, 62%
XYZ	14.2932, 11.3717, 33.3399
YIQ	96.5080, -15.0890, 25.6710

Conversions

Conversions Part 2

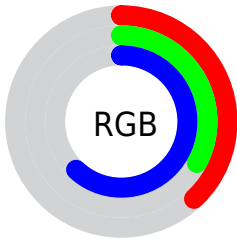
Format	Color
R_{YB}	98, 84, 157
Decimal	6444189
CIE _{Lab}	40.20, 23.65, -37.91
CIE _{LCh}	40, 44.678, 301.960
Yxy	11.3721, 0.2422, 0.1927
Android (android.graphics.Color)	4284634269 (0xFF62549D)
YUV	96.5080, 29.8226, 1.3085
Hunter-Lab	33.7219, 16.6446, -35.0131

Details

The HunterLab color **33.7219, 16.6446, -35.0131** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **55.3117, -16.1648, 24.8087**, and the grayscale version is **34.2875, -1.8295, 1.8629**.

A 20% lighter version of the original color is **53.2757, 17.9078, -36.1773**, and **17.4694, 14.4079, -34.3418** is the 20% darker color. If you saturate the color by 10%, you get **29.2424, 21.7468, -46.2756**, and if you desaturate by 10%, it is **38.5371, 11.9102, -25.1215**.

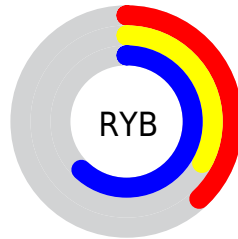
Distribution



Red (38%)

Green (33%)

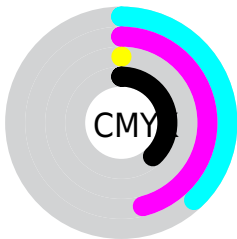
Blue (62%)



Red (38%)

Yellow (33%)

Blue (62%)

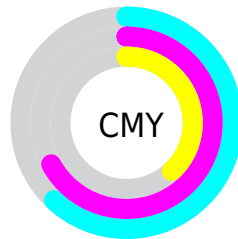


Cyan (38%)

Magenta (46%)

Yellow (0%)

Black (38%)



Cyan (62%)

Magenta (67%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.7219, 16.6446, -35.0131 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 33.7219, 16.6446, -35.0131 by changing the saturation by 10% instead.

■ 33.7219, 16.6446,
-35.0131

■ 33.7219, 16.6446,
-35.0131

■ 141.4930, 20.4962,
-40.0141

■ 25.1350, 15.7260,
-34.5692

■ 53.2411, 18.1066,
-36.2613

■ 17.4333, 14.6586,
-34.5311

■ 64.0583, 18.6800,
-36.9118

■ 10.7342, 13.4309,
-35.5935

■ 75.5226, 19.1636,
-37.5377

■ 1.4888, 69.1389,
-153.6395

■ 87.5994, 19.5662,
-38.1260

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 100.2590, 19.8952,
-38.6700

0.0000, NaN, NaN

113.4758, 20.1566,

0.0000, NaN, NaN

-39.1666

0.0000, NaN, NaN

127.2271, 20.3554,
-39.6147

■ 33.7219, 16.6446,
-35.0131

■ 33.7219, 16.6446,
-35.0131

■ 29.2424, 21.7468,
-46.2756

■ 38.5371, 11.9102,
-25.1215

■ 25.1918, 27.1975,
-59.0756

■ 43.6196, 7.4959,
-16.3487

■ 21.7026, 32.7867,
-73.1975

■ 48.9228, 3.3398,
-8.4537

■ 18.9429, 37.9135,
-87.5039

■ 54.4124, -0.6148,
-1.2401

■ 17.0394, 41.6653,
-99.7644

■ 60.0631, -4.4147,
5.4454

■ 16.4683, 42.9840,
-103.9424

■ 65.8558, -8.0967,
11.7200

■ 71.7754, -11.6896,
17.6732

■ 77.8099, -15.2157,
23.3735

■ 83.9496, -18.6922,
28.8736

Harmonies

Analogous

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



33.7225, -0.7118, -44.2604



33.7219, 16.6446, -35.0131



33.7225, 30.9347, -15.6110

Triad

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



33.7225, 16.6445, -35.0121



33.7225, 14.4080, 19.0653



33.7225, -27.9658, 0.7895

Complementary

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



33.7219, 16.6446, -35.0131



55.3117, -16.1648, 24.8087

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.



33.7225, -25.4403, 13.1452



33.7219, 16.6446, -35.0131



33.7225, -2.8769, 20.1934

Square

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



33.7225, 16.6445, -35.0121



33.7225, 29.4790, 14.2017



33.7225, -16.9751, 18.6934



33.7225, -24.6758, -18.3114

Rectangle

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



33.7219, 16.6446, -35.0131



33.7225, 35.6172, -2.6539



33.7225, -16.9751, 18.6934



33.7225, -27.7707, 5.7819

Sweetspot

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



33.7225, 16.6445, -35.0121



67.0857, 3.2704, -9.0931



49.1427, -14.5980, -8.4592



30.7846, 2.0418, -5.2050



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.



33.7225, 16.6445, -35.0121



38.8004, 29.5156, -62.8686



37.1942, 26.4267, -27.4668



25.4823, 0.2206, -1.5273



14.8844, 38.7727, -93.3474



2.3300, 5.5073, -10.2555

Inverse Universe

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



39.3602, 31.0407, -14.3475



48.4668, 51.4164, -23.4326



52.8085, -25.7079, 22.6729



25.9475, 1.7118, -0.2514



26.5878, 50.2235, -19.1842



3.6269, 6.9679, -3.5227

Previews

White Background



This preview shows how the HunterLab color 33.7219, 16.6446, -35.0131 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 33.7219, 16.6446, -35.0131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

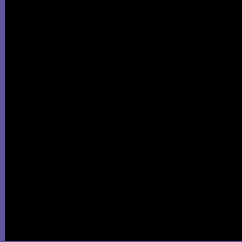
Any Text WCAG AA × Fail

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 33.7219, 16.6446, -35.0131 Background



This preview shows how black text looks on a background with the HunterLab color 33.7219, 16.6446, -35.0131.



This preview shows how white text looks on a background with the HunterLab color 33.7219, 16.6446, -35.0131.

-35.0131.

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

33.7219, 16.6446, -35.0131

Protanopia

33.7565, 7.5811, -41.5898

Deuteranopia

33.8386, 2.7827, -33.4346



Tritanopia

33.6803, -3.1900, -2.3573

Trichromacy



Original Color

33.7219, 16.6446, -35.0131

Protanomaly

33.5399, 10.4681, -39.5754

Deuteranomaly

33.6139, 7.4987, -34.6336

Tritanomaly

33.5530, 3.0934, -12.3834

Monochromacy



Original Color

33.7219, 16.6446, -35.0131

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

33.9523, 4.1277, -9.4838

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.7219, 16.6446, -35.0131 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(98, 84, 157)` looks like.

```
.text, #text, p{  
    color:rgb(98, 84, 157)  
}
```

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(98, 84, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 84, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 33.7219, 16.6446, -35.0131 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(98, 84, 157) }
```


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

```
.border{ border-color:rgb(98, 84, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 84, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 84, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 84, 157);  
box-shadow:4px 4px 4px 4px rgb(98, 84,  
157) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.7219, 16.6446, -35.0131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 84, 157) }
```

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

```
.background{ background-color: rgb(98, 84,  
157) }
```

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