

Converting Colors

HunterLab(33.9499, 60.4988,
-21.0708)

Have a look what the booklet for
HunterLab(33.9499, 60.4988,
-21.0708) contains.

HunterLab(33.9944, 60.5155, -21.2665)	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(33.9944, 60.5155,
-21.2665)**

Conversions

Conversions Part 1

Format	Color
Hex	B0128C
RGB	176, 18, 140
RGB Percent	69%, 7%, 55%
CMY	0.3098, 0.9293, 0.4510
CMYK	0.00, 0.90, 0.20, 0.31
HSL	314°, 81%, 38%
HSV	314°, 90%, 69%
XYZ	22.8545, 11.5562, 25.8370
YIQ	79.1500, 55.0060, 71.4380

Conversions

Conversions Part 2

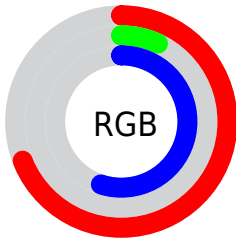
Format	Color
R_{YB}	176, 18, 140
Decimal	11539084
CIE _{Lab}	40.50, 67.37, -26.40
CIE _{LCh}	41, 72.362, 338.602
Yxy	11.5568, 0.3793, 0.1918
Android (android.graphics.Color)	4289729164 (0xFFB0128C)
YUV	79.1500, 29.9990, 84.9374
Hunter-Lab	33.9944, 60.5155, -21.2665

Details

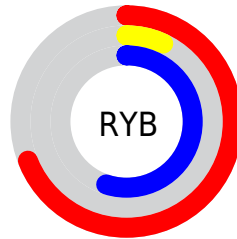
The HunterLab color **33.9944, 60.5155, -21.2665** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **56.0769, -45.7992, 30.0603**, and the grayscale version is **27.9008, -1.4887, 1.5159**.

A 20% lighter version of the original color is **53.5742, 64.7432, -22.3386**, and **21.5481, 40.2489, -12.0227** is the 20% darker color. If you saturate the color by 10%, you get **33.1911, 62.1253, -20.0614**, and if you desaturate by 10%, it is **35.3310, 57.1951, -21.5136**.

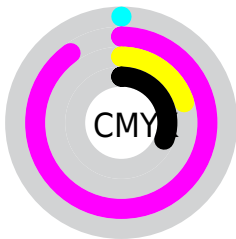
Distribution



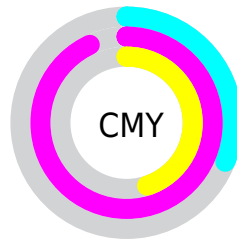
- Red (69%)
- Green (7%)
- Blue (55%)



- Red (69%)
- Yellow (7%)
- Blue (55%)



- Cyan (0%)
- Magenta (90%)
- Yellow (20%)
- Black (31%)



- Cyan (31%)
- Magenta (93%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.9944, 60.5155, -21.2665 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 33.9944, 60.5155, -21.2665 by changing the saturation by 10% instead.

33.9944, 60.5155,
-21.2665

33.9944, 60.5155,
-21.2665

141.9326, 78.0104,
-24.1133

25.3824, 58.2999,
-20.7210

53.5586, 64.9911,
-22.2798

17.6524, 56.3561,
-20.2382

64.3960, 67.1323,
-22.7110

10.9207, 55.3342,
-20.0463

75.8793, 69.1815,
-23.0842

2.3595, 148.7235,
-54.8009

87.9741, 71.1341,
-23.3994

0.0000, INF, -NF

0.0000, NaN, NaN

100.6510, 72.9904,
-23.6578

0.0000, NaN, NaN

113.8842, 74.7528,

0.0000, NaN, NaN

-23.8614

0.0000, NaN, NaN

127.6514, 76.4248,
-24.0125

■ 33.9944, 60.5155,
-21.2665

■ 33.9944, 60.5155,
-21.2665

■ 33.1911, 62.1253,
-20.0614

■ 35.3310, 57.1951,
-21.5136

■ 33.1734, 62.1597,
-20.0307

■ 37.3296, 51.9911,
-20.6005

■ 39.9768, 45.3129,
-18.6505

■ 43.2204, 37.6626,
-15.8811

■ 46.9912, 29.4828,
-12.5210

■ 51.2175, 21.0955,
-8.7632

■ 55.8337, 12.7037,
-4.7508

■ 60.7828, 4.4193,
-0.5815

■ 66.0175, -3.7062,
3.6817

Harmonies

Analogous

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



33.9953, 36.5722, -62.8482



33.9944, 60.5155, -21.2665



33.9953, 65.4115, 8.3823

Triad

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



33.9953, 60.5129, -21.2651



33.9953, -9.1681, 23.7967



33.9953, -33.3858, -44.9858

Complementary

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



33.9944, 60.5155, -21.2665



56.0769, -45.7992, 30.0603

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.



33.9953, -39.1766, -6.3065



33.9944, 60.5155, -21.2665



33.9953, -28.3120, 22.1773

Square

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



33.9953, 60.5129, -21.2651



33.9953, 19.0481, 23.4969



33.9953, -37.6613, 15.2947



33.9953, -18.6129, -82.4336

Rectangle

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



33.9944, 60.5155, -21.2665



33.9953, 56.1189, 17.9238



33.9953, -37.6613, 15.2947



33.9953, -36.2016, -30.8727

Sweetspot

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



33.9953, 60.5129, -21.2651



70.3563, 25.8147, -10.5886



20.7471, 45.2724, -103.8043



31.8269, 13.7657, -5.7438



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



33.9953, 60.5129, -21.2651



44.6350, 83.5685, -26.4262



31.6540, 51.8175, 11.6644



29.3478, 1.9553, -0.1918



28.4316, 53.3016, -17.3777



5.1234, 9.7383, -4.1645

Inverse Universe

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



33.9953, 60.5129, -21.2651



44.6350, 83.5685, -26.4262



57.2929, -38.2998, 12.3241



29.3478, 1.9553, -0.1918



28.4316, 53.3016, -17.3777



5.1234, 9.7383, -4.1645

Previews

White Background



This preview shows how the HunterLab color 33.9944, 60.5155, -21.2665 looks on a white background.

Color Contrast Check

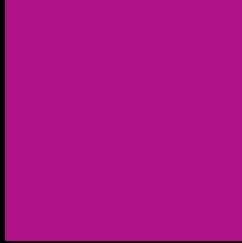
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.9944, 60.5155, -21.2665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

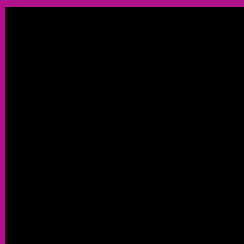
Any Text WCAG AA × Fail

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 33.9944, 60.5155, -21.2665 Background



This preview shows how black text looks on a background with the HunterLab color 33.9944, 60.5155, -21.2665.



This preview shows how white text looks on a background with the HunterLab color 33.9944, 60.5155, -21.2665.

-21.2665.

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

33.9944, 60.5155, -21.2665

Protanopia

34.9072, 12.2572, -66.9794

Deuteranopia

34.6853, 2.1373, -15.2946



Tritanopia

34.1870, 37.5023, 14.3084

Trichromacy



Original Color

33.9944, 60.5155, -21.2665

Protanomaly

29.4844, 27.1604, -63.9525

Deuteranomaly

31.2689, 25.0734, -23.0593

Tritanomaly

33.4958, 46.2593, 4.7205

Monochromacy



Original Color

33.9944, 60.5155, -21.2665

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

27.2823, 22.5999, -9.5494

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.9944, 60.5155, -21.2665 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(176, 18, 140)` looks like.

```
.text, #text, p{  
    color:rgb(176, 18, 140)  
}
```

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(176, 18, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 18, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 33.9944, 60.5155, -21.2665 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(176, 18, 140) }
```


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

```
.border{ border-color:rgb(176, 18, 140) }
```

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

Here you see how a box with a 4 pixel rgb(176, 18, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 18, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 18, 140);  
box-shadow:4px 4px 4px 4px rgb(176, 18,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.9944, 60.5155, -21.2665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 18, 140) }
```

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

```
.background{ background-color: rgb(176, 18,  
140) }
```

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