

Converting Colors

HunterLab(33.4297, 66.8024,
-105.5641)

Have a look what the booklet for
HunterLab(33.4297, 66.8024,
-105.5641) contains.

HunterLab(33.4589, 66.9604, -105.7102)	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(33.4589, 66.9604,
-105.7102)**

Conversions

Conversions Part 1

Format	Color
Hex	831DE2
RGB	131, 29, 226
RGB Percent	51%, 11%, 89%
CMY	0.4863, 0.8863, 0.1137
CMYK	0.42, 0.87, 0.00, 0.11
HSL	271°, 77%, 50%
HSV	271°, 87%, 89%
XYZ	23.5269, 11.1950, 72.8722
YIQ	81.9560, -2.4450, 82.8910

Conversions

Conversions Part 2

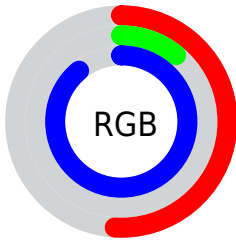
Format	Color
R _{YB}	131, 29, 226
Decimal	8592866
CIE Lab	39.91, 72.96, -78.55
CIE LCh	40, 107.209, 312.887
Yxy	11.1953, 0.2187, 0.1040
Android (android.graphics.Color)	4286782946 (0xFF831DE2)
YUV	81.9560, 71.0137, 43.0116
Hunter-Lab	33.4589, 66.9604, -105.7102

Details

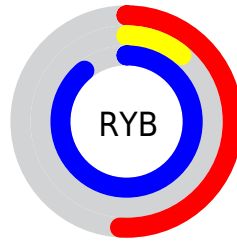
The HunterLab color **33.4589, 66.9604, -105.7102** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **76.6592, -50.9574, 45.4460**, and the grayscale version is **28.7830, -1.5358, 1.5638**.

A 20% lighter version of the original color is **50.9005, 63.5744, -77.7234**, and **20.2324, 48.8066, -96.6759** is the 20% darker color. If you saturate the color by 10%, you get **31.0331, 69.6883, -117.1239**, and if you desaturate by 10%, it is **36.9506, 61.3047, -91.6099**.

Distribution



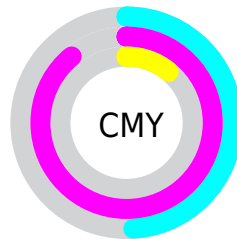
- Red (51%)
- Green (11%)
- Blue (89%)



- Red (51%)
- Yellow (11%)
- Blue (89%)



- Cyan (42%)
- Magenta (87%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (89%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4589, 66.9604, -105.7102 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 33.4589, 66.9604, -105.7102 by changing the saturation by 10% instead.

33.4589, 66.9604,
-105.7102

33.4589, 66.9604,
-105.7102

141.0682, 85.8000,
-107.0411

24.8965, 64.7390,
-109.6962

52.9346, 71.6470,
-102.9708

17.2223, 62.9431,
-117.7899

63.7323, 73.9328,
-102.8430

10.5548, 62.4637,
-135.6454

75.1781, 76.1385,
-103.1309

0.0000, INF, -NF

0.0000, NaN, -NF

87.2374, 78.2543,
-103.6821

0.0000, NaN, -NF

99.8804, 80.2771,
-104.4012

0.0000, NaN, -NF

113.0812, 82.2073,

0.0000, NaN, NaN

-105.2262

126.8171, 84.0472,
-106.1157

■ 33.4589, 66.9604,
-105.7102

■ 33.4589, 66.9604,
-105.7102

■ 31.0331, 69.6883,
-117.1239

■ 36.9506, 61.3047,
-91.6099

■ 30.4538, 70.1831,
-120.0875

■ 41.4343, 53.6665,
-76.4873

■ 46.7586, 45.0318,
-61.6340

■ 52.7704, 36.0565,
-47.6930

■ 59.3402, 27.0884,
-34.8515

■ 66.3666, 18.2782,
-23.0648

■ 73.7722, 9.6713,
-12.1995

■ 81.4981, 1.2639,
-2.1040

■ 89.4994, -6.9678,
7.3618

Harmonies

Analogous

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



33.4594, 16.8427, -172.1368



33.4589, 66.9604, -105.7102



33.4594, 105.7741, -27.0843

Triad

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



33.4594, 66.9615, -105.7086



33.4594, 23.5528, 23.4216



33.4594, -48.2433, -18.5701

Complementary

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



33.4589, 66.9604, -105.7102



76.6592, -50.9574, 45.4460

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.



33.4594, -47.7726, 16.8454



33.4589, 66.9604, -105.7102



33.4594, -17.0636, 23.4216

Square

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



33.4594, 66.9615, -105.7086



33.4594, 73.7862, 23.4216



33.4594, -39.3131, 23.4216



33.4594, -41.1703, -93.7218

Rectangle

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



33.4589, 66.9604, -105.7102



33.4594, 112.4812, 5.2519



33.4594, -39.3131, 23.4216



33.4594, -48.8137, -2.0160

Sweetspot

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



33.4594, 66.9615, -105.7086



76.9278, 19.9669, -25.1642



44.9686, 6.5245, -67.0428



34.2587, 10.8519, -13.7457

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



33.4594, 66.9615, -105.7086



34.8259, 80.3715, -138.2000



47.2863, 87.4379, -56.6149



36.8654, 1.4602, -2.0059



23.1562, 53.1834, -89.9020



6.5185, 14.4941, -21.6087

Inverse Universe

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



43.0146, 71.7967, 1.4807



47.6331, 84.5734, 7.5220



73.9999, -62.0372, 43.4013



37.1620, 2.1224, 1.0109



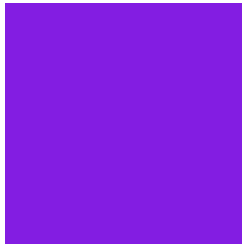
31.4288, 55.9018, 4.1927



8.3827, 15.1111, -0.4393

Previews

White Background



This preview shows how the HunterLab color 33.4589, 66.9604, -105.7102 looks on a white background.

Color Contrast Check

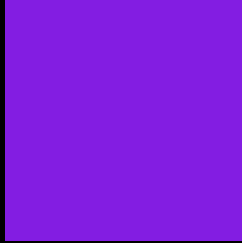
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.4589, 66.9604, -105.7102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

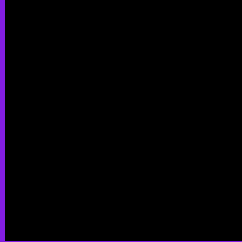
Any Text WCAG AA × Fail

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 33.4589, 66.9604, -105.7102 Background



This preview shows how black text looks on a background with the HunterLab color 33.4589, 66.9604, -105.7102.



This preview shows how white text looks on a background with the HunterLab color 33.4589, 66.9604, -105.7102.

-105.7102.

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

33.4589, 66.9604, -105.7102

Protanopia

33.5975, 11.6294, -67.0985

Tritanopia

33.4497, 2.4322, 0.1722

Trichromacy



Original Color

33.4589, 66.9604, -105.7102

Protanomaly

30.2031, 30.9787, -92.9891

Tritanomaly

31.1276, 25.7403, -31.3929

Monochromacy



Original Color

33.4589, 66.9604, -105.7102

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

28.2587, 22.1532, -29.5206

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4589, 66.9604, -105.7102 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(131, 29, 226)` looks like.

```
.text, #text, p{  
    color:rgb(131, 29, 226)  
}
```

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(131, 29, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 29, 226) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4589, 66.9604, -105.7102 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(131, 29, 226) }
```

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

```
.border{ border-color:rgb(131, 29, 226) }
```

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

Here you see how a box with a 4 pixel rgb(131, 29, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 29, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 29, 226);  
box-shadow:4px 4px 4px 4px rgb(131, 29,  
226) }
```


Background

The CSS property to change the background color of an element to HunterLab 33.4589, 66.9604, -105.7102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 29, 226) }
```

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

```
.background{ background-color: rgb(131, 29,  
226) }
```

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