

Converting Colors

HunterLab(33.8237, 46.7302,
-31.1678)

Have a look what the booklet for
HunterLab(33.8237, 46.7302,
-31.1678) contains.

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Color

**HunterLab(33.8229, 46.7317,
-31.1692)**

Conversions

Conversions Part 1

Format	Color
Hex	993399
RGB	153, 51, 153
RGB Percent	60%, 20%, 60%
CMY	0.4000, 0.8000, 0.4000
CMYK	0.00, 0.67, 0.00, 0.40
HSL	300°, 50%, 40%
HSV	300°, 67%, 60%
XYZ	20.0705, 11.4399, 31.2873
YIQ	93.1260, 28.0500, 53.3460

Conversions

Conversions Part 2

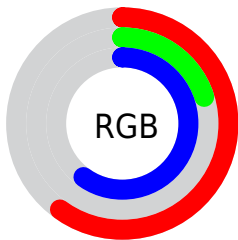
Format	Color
RYB	153, 51, 153
Decimal	10040217
CIELab	40.31, 55.02, -34.89
CIELCh	40, 65.148, 327.622
Yxy	11.4404, 0.3196, 0.1822
Android (android.graphics.Color)	4288230297 (0xFF993399)
YUV	93.1260, 29.5179, 52.5095
Hunter-Lab	33.8229, 46.7317, -31.1692

Details

The HunterLab color **33.8229, 46.7317, -31.1692** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **48.7092, -36.3018, 25.5657**, and the grayscale version is **33.0194, -1.7618, 1.7940**.

A 20% lighter version of the original color is **53.4451, 50.4784, -32.3844**, and **18.8049, 37.2004, -26.5794** is the 20% darker color. If you saturate the color by 10%, you get **32.1190, 52.2115, -34.9260**, and if you desaturate by 10%, it is **36.0617, 40.1109, -26.6261**.

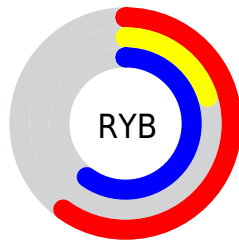
Distribution



Red (60%)

Green (20%)

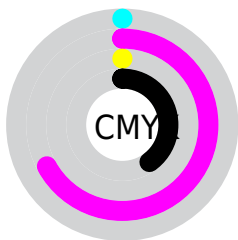
Blue (60%)



Red (60%)

Yellow (20%)

Blue (60%)

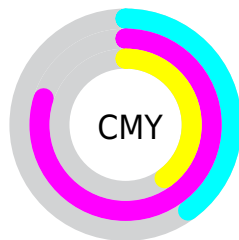


Cyan (0%)

Magenta (67%)

Yellow (0%)

Black (40%)



Cyan (40%)

Magenta (80%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.8229, 46.7317, -31.1692 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 33.8229, 46.7317, -31.1692 by changing the saturation by 10% instead.

33.8229, 46.7317,
-31.1692

33.8229, 46.7317,
-31.1692

141.6561, 60.9823,
-35.7193

25.2267, 44.6914,
-30.6575

53.3589, 50.5993,
-32.4041

17.5145, 42.7067,
-30.4370

64.1836, 52.3808,
-33.0129

10.8033, 41.1304,
-31.0465

75.6549, 54.0556,
-33.5850

1.8601, 140.3982,
-107.2363

87.7384, 55.6270,
-34.1118

0.0000, INF, -NF

0.0000, NaN, -NF

100.4044, 57.1001,
-34.5894

0.0000, NaN, NaN

113.6273, 58.4802,

0.0000, NaN, NaN

-35.0164

0.0000, NaN, NaN

127.3845, 59.7726,
-35.3928

■ 33.8229, 46.7317,
-31.1692

■ 33.8229, 46.7317,
-31.1692

■ 32.1190, 52.2115,
-34.9260

■ 36.0617, 40.1109,
-26.6261

■ 30.9629, 56.1804,
-37.6459

■ 38.7911, 32.7724,
-21.5864

■ 30.3037, 58.5455,
-39.2661

■ 41.9574, 25.0741,
-16.2941

■ 30.1203, 59.2174,
-39.7263

■ 45.5039, 17.2747,
-10.9262

■ 49.3781, 9.5357,
-5.5935

■ 53.5340, 1.9447,
-0.3563

■ 57.9328, -5.4605,
4.7588

■ 62.5422, -12.6719,
9.7461

■ 67.3358, -19.6981,
14.6107

Harmonies

Analogous

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



33.8237, 22.3929, -64.8468



33.8229, 46.7317, -31.1692



33.8237, 57.8474, -0.0340

Triad

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



33.8237, 46.7302, -31.1678



33.8237, 0.1321, 23.1358



33.8237, -33.7825, -25.5354

Complementary

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



33.8229, 46.7317, -31.1692



48.7092, -36.3018, 25.5657

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.



33.8237, -36.6995, 3.6147



33.8229, 46.7317, -31.1692



33.8237, -20.6742, 22.2327

Square

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



33.8237, 46.7302, -31.1678



33.8237, 26.6640, 21.9000



33.8237, -32.6524, 17.9344



33.8237, -23.1643, -60.2901

Rectangle

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



33.8229, 46.7317, -31.1692



33.8237, 54.4576, 12.6278



33.8237, -32.6524, 17.9344



33.8237, -35.5401, -14.3517

Sweetspot

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



33.8237, 46.7302, -31.1678



64.0975, 16.6068, -10.1365



23.1775, 23.3566, -62.4035



29.4941, 9.0532, -5.6242



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



33.8237, 46.7302, -31.1678



42.1308, 72.7591, -48.7184



31.7803, 38.2930, -3.1998



25.1469, 1.8568, -0.8089



27.3825, 53.8348, -36.1153



3.3481, 6.5824, -4.4159

Inverse Universe

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



33.8237, 46.7302, -31.1678



42.1308, 72.7591, -48.7184



49.4430, -31.8113, 14.8349



25.1469, 1.8568, -0.8089



27.3825, 53.8348, -36.1153



3.3481, 6.5824, -4.4159

Previews

White Background



This preview shows how the HunterLab color 33.8229, 46.7317, -31.1692 looks on a white background.

Color Contrast Check

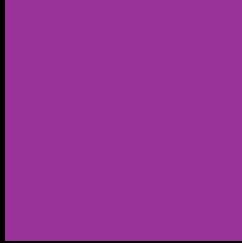
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.8229, 46.7317, -31.1692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

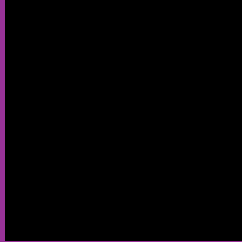
Any Text WCAG AA × Fail

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 33.8229, 46.7317, -31.1692 Background



This preview shows how black text looks on a background with the HunterLab color 33.8229, 46.7317, -31.1692.



This preview shows how white text looks on a background with the HunterLab color 33.8229, 46.7317, -31.1692.

-31.1692.

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

33.8229, 46.7317, -31.1692

Protanopia

34.2154, 12.2237, -65.1182

Deuteranopia

34.1137, 2.8451, -26.1932



Tritanopia

33.8848, 22.5487, 8.3313

Trichromacy



Original Color

33.8229, 46.7317, -31.1692

Protanomaly

31.5255, 20.9141, -59.4221

Deuteranomaly

32.4478, 17.9639, -31.6467

Tritanomaly

33.5156, 30.6227, -2.9336

Monochromacy



Original Color

33.8229, 46.7317, -31.1692

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

32.1425, 15.3290, -9.8443

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.8229, 46.7317, -31.1692 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(153, 51, 153)` looks like.

```
.text, #text, p{  
    color:rgb(153, 51, 153)  
}
```

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(153, 51, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 51, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 33.8229, 46.7317, -31.1692 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(153, 51, 153) }
```


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

```
.border{ border-color:rgb(153, 51, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 51, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 51, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 51, 153);  
box-shadow:4px 4px 4px 4px rgb(153, 51,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.8229, 46.7317, -31.1692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 51, 153) }
```

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

```
.background{ background-color: rgb(153, 51,  
153) }
```

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](#).

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