

Converting Colors

HunterLab(33.1977, 58.1506,
-90.3604)

Have a look what the booklet for
HunterLab(33.1977, 58.1506,
-90.3604) contains.

HunterLab(33.3482, 58.2001, -90.3526)	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(33.3482, 58.2001,
-90.3526)**

Conversions

Conversions Part 1

Format	Color
Hex	802BD5
RGB	128, 43, 213
RGB Percent	50%, 17%, 84%
CMY	0.4980, 0.8314, 0.1647
CMYK	0.40, 0.80, 0.00, 0.16
HSL	270°, 67%, 50%
HSV	270°, 80%, 84%
XYZ	21.7762, 11.1210, 63.9495
YIQ	87.7950, -3.9100, 70.8900

Conversions

Conversions Part 2

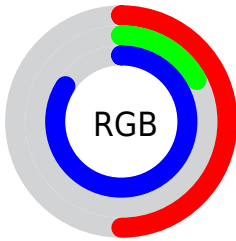
Format	Color
R_{YB}	128, 43, 213
Decimal	8399829
CIE _{Lab}	39.78, 65.50, -71.31
CIE _{LCh}	40, 96.830, 312.570
Yxy	11.1214, 0.2249, 0.1148
Android (android.graphics.Color)	4286589909 (0xFF802BD5)
YUV	87.7950, 61.7261, 35.2598
Hunter-Lab	33.3482, 58.2001, -90.3526

Details

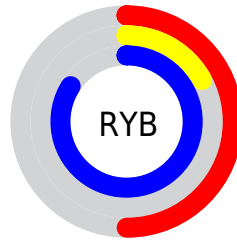
The HunterLab color **33.3482, 58.2001, -90.3526** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **72.3547, -44.8837, 41.9260**, and the grayscale version is **30.9457, -1.6512, 1.6813**.

A 20% lighter version of the original color is **51.6802, 58.0971, -75.6762**, and **19.0463, 45.3980, -86.7665** is the 20% darker color. If you saturate the color by 10%, you get **30.2870, 62.9564, -103.4683**, and if you desaturate by 10%, it is **37.3685, 51.3983, -75.9539**.

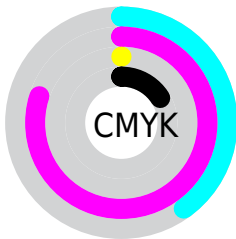
Distribution



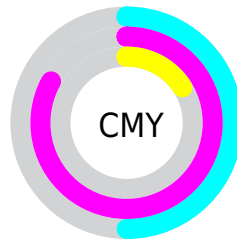
- Red (50%)
- Green (17%)
- Blue (84%)



- Red (50%)
- Yellow (17%)
- Blue (84%)



- Cyan (40%)
- Magenta (80%)
- Yellow (0%)
- Black (16%)



- Cyan (50%)
- Magenta (83%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.3482, 58.2001, -90.3526 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 33.3482, 58.2001, -90.3526 by changing the saturation by 10% instead.

33.3482, 58.2001,
-90.3526

33.3482, 58.2001,
-90.3526

140.8894, 75.2906,
-93.7839

24.7962, 56.0108,
-93.0252

52.8056, 62.6063,
-88.9436

17.1336, 54.0751,
-98.8301

63.5951, 64.7038,
-89.1540

10.4795, 53.0471,
-112.1334

75.0332, 66.7066,
-89.6600

0.0000, INF, -NF

0.0000, NaN, -NF

87.0851, 68.6113,
-90.3460

0.0000, NaN, -NF

99.7210, 70.4188,
-91.1404

0.0000, NaN, -NF

112.9150, 72.1319,

0.0000, NaN, NaN

-91.9970

126.6446, 73.7544,
-92.8850

■ 33.3482, 58.2001,
-90.3526

■ 33.3482, 58.2001,
-90.3526

■ 30.2870, 62.9564,
-103.4683

■ 37.3685, 51.3983,
-75.9539

■ 28.1431, 65.1863,
-114.1383

■ 42.2068, 43.5232,
-61.6609

■ 28.1057, 65.2243,
-114.3371

■ 47.7152, 35.2558,
-48.2026

■ 53.7662, 26.9657,
-35.8158

■ 60.2593, 18.8167,
-24.4774

■ 67.1179, 10.8611,
-14.0612

■ 74.2839, 3.0982,
-4.4169

■ 81.7132, -4.4937,
4.5962

■ 89.3715, -11.9431,
13.0989

Harmonies

Analogous

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



33.3487, 14.4366, -144.4389



33.3482, 58.2001, -90.3526



33.3487, 91.7002, -24.1261

Triad

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



33.3487, 58.2008, -90.3510



33.3487, 21.2629, 23.3441



33.3487, -45.7098, -15.6628

Complementary

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



33.3482, 58.2001, -90.3526



72.3547, -44.8837, 41.9260

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.



33.3487, -45.1490, 16.0092



33.3482, 58.2001, -90.3526



33.3487, -15.3915, 23.3441

Square

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



33.3487, 58.2008, -90.3510



33.3487, 64.9637, 22.9602



33.3487, -36.5687, 23.3441



33.3487, -38.6673, -78.9321

Rectangle

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



33.3482, 58.2001, -90.3526



33.3487, 97.6594, 4.6012



33.3487, -36.5687, 23.3441



33.3487, -46.2792, -1.2339

Sweetspot

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



33.3487, 58.2008, -90.3510



78.5023, 17.6097, -22.7729



45.5589, 1.4756, -53.8249



34.9266, 9.7763, -12.6828

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



33.3487, 58.2008, -90.3510



35.2078, 79.1843, -136.2386



45.4731, 78.6736, -52.6808



35.0865, 1.3179, -1.9087



22.1042, 51.1298, -88.6270



5.8644, 13.0611, -19.6063

Inverse Universe

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



41.7521, 64.5990, -2.1404



48.1287, 84.7347, 3.9841



69.4814, -56.7844, 39.8697



35.3883, 2.0268, 0.8921



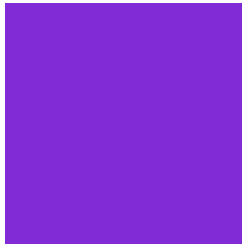
30.5019, 54.4078, 2.8707



7.6018, 13.7638, -0.8674

Previews

White Background



This preview shows how the HunterLab color 33.3482, 58.2001, -90.3526 looks on a white background.

Color Contrast Check

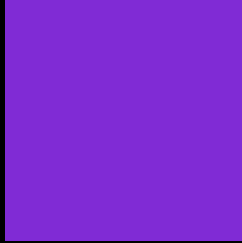
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.3482, 58.2001, -90.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

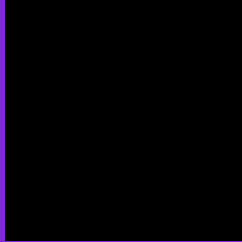
Any Text WCAG AA × Fail

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 33.3482, 58.2001, -90.3526 Background



This preview shows how black text looks on a background with the HunterLab color 33.3482, 58.2001, -90.3526.



This preview shows how white text looks on a background with the HunterLab color 33.3482, 58.2001, -90.3526.

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

33.3482, 58.2001, -90.3526

Protanopia

33.5317, 11.2948, -66.2940

Deuteranopia

33.5649, 0.1124, -42.1957



Tritanopia

33.2550, 3.0340, 0.3815

Trichromacy



Original Color

33.3482, 58.2001, -90.3526



Protanomaly

31.0249, 25.8513, -83.6894



Deuteranomaly

30.4787, 18.5203, -66.9859



Tritanomaly

31.7394, 21.6434, -25.6919

Monochromacy



Original Color

33.3482, 58.2001, -90.3526



Achromatopsia

31.2390, -1.6668, 1.6973



Achromatomaly

30.3509, 18.3105, -24.3258

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.3482, 58.2001, -90.3526 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(128, 43, 213)` looks like.

```
.text, #text, p{  
    color:rgb(128, 43, 213)  
}
```

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(128, 43, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 43, 213) }
```

Border

The CSS property to change the border of an element to HunterLab 33.3482, 58.2001, -90.3526 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(128, 43, 213) }
```


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

```
.border{ border-color:rgb(128, 43, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 43, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 43, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 43, 213);  
box-shadow:4px 4px 4px 4px rgb(128, 43,  
213) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.3482, 58.2001, -90.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 43, 213) }
```

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

```
.background{ background-color: rgb(128, 43,  
213) }
```

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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