

Converting Colors

HunterLab(29.7689, 46.4582,
-86.5428)

Have a look what the booklet for
HunterLab(29.7689, 46.4582,
-86.5428) contains.

HunterLab(29.7564, 46.2482, -86.1056)	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(29.7564, 46.2482,
-86.1056)**

Conversions

Conversions Part 1

Format	Color
Hex	6430C5
RGB	100, 48, 197
RGB Percent	39%, 19%, 77%
CMY	0.6078, 0.8118, 0.2274
CMYK	0.49, 0.76, 0.00, 0.23
HSL	261°, 61%, 48%
HSV	261°, 76%, 77%
XYZ	16.3905, 8.8544, 53.6685
YIQ	80.5340, -16.8370, 57.3630

Conversions

Conversions Part 2

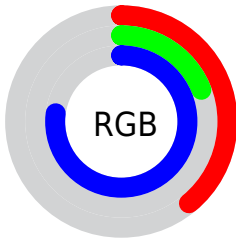
Format	Color
R _Y B	100, 48, 197
Decimal	6566085
CIE Lab	35.70, 55.45, -68.84
CIE LCh	36, 88.397, 308.850
Yxy	8.8547, 0.2077, 0.1122
Android (android.graphics.Color)	4284756165 (0xFF6430C5)
YUV	80.5340, 57.4177, 17.0717
Hunter-Lab	29.7564, 46.2482, -86.1056

Details

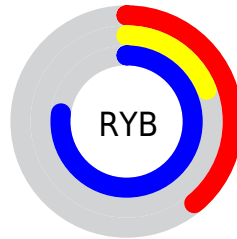
The HunterLab color **29.7564, 46.2482, -86.1056** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **67.9451, -34.3735, 38.8256**, and the grayscale version is **28.3199, -1.5111, 1.5387**.

A 20% lighter version of the original color is **48.6881, 50.0978, -84.3304**, and **15.0875, 38.7819, -90.5910** is the 20% darker color. If you saturate the color by 10%, you get **26.2887, 52.0954, -102.0243**, and if you desaturate by 10%, it is **34.1007, 39.3348, -70.1415**.

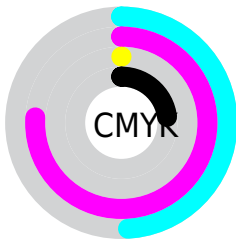
Distribution



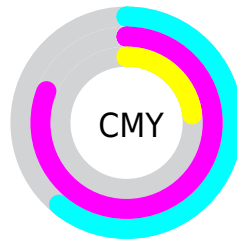
- Red (39%)
- Green (19%)
- Blue (77%)



- Red (39%)
- Yellow (19%)
- Blue (77%)



- Cyan (49%)
- Magenta (76%)
- Yellow (0%)
- Black (23%)














- Cyan (61%)
- Magenta (81%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7564, 46.2482, -86.1056 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 29.7564, 46.2482, -86.1056 by changing the saturation by 10% instead.

 29.7564, 46.2482, -86.1056	 29.7564, 46.2482, -86.1056
135.0148, 61.0109, -89.0420	 21.5558, 44.2071, -89.2816
 48.5980, 50.2212, -84.3699	 14.2877, 42.3398, -96.3927
 59.1112, 52.0655, -84.5253	 7.9458, 42.5977, -116.2922
 70.2891, 53.8032, -84.9998	0.0000, INF, -NF
 82.0944, 55.4358, -85.6651	0.0000, NaN, -NF
 94.4953, 56.9677, -86.4433	0.0000, NaN, -NF
 107.4644, 58.4040,	0.0000, NaN, NaN

-87.2853

0.0000, NaN, NaN

120.9780, 59.7500,
-88.1587

■ 29.7564, 46.2482,
-86.1056

■ 29.7564, 46.2482,
-86.1056

■ 26.2887, 52.0954,
-102.0243

■ 34.1007, 39.3348,
-70.1415

■ 23.8494, 55.7335,
-115.6487

■ 39.1430, 32.1514,
-55.3292

■ 22.9948, 56.9098,
-121.0350

■ 44.7342, 25.0884,
-42.0073

■ 50.7606, 18.2819,
-30.1009

■ 57.1395, 11.7486,
-19.3967

■ 63.8103, 5.4590,
-9.6663

■ 70.7283, -0.6292,
-0.7094

■ 77.8598, -6.5577,
7.6371

■ 85.1792, -12.3626,
15.5022

Harmonies

Analogous

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



29.7568, 8.2291, -128.2462



29.7564, 46.2482, -86.1056



29.7568, 77.7219, -27.2564

Triad

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



29.7568, 46.2493, -86.1044



29.7568, 23.3360, 20.8298



29.7568, -40.7237, -8.5824

Complementary

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



29.7564, 46.2482, -86.1056



67.9451, -34.3735, 38.8256

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.



29.7568, -39.4468, 15.7415



29.7564, 46.2482, -86.1056



29.7568, -10.2796, 20.8298

Square

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



29.7568, 46.2493, -86.1044



29.7568, 61.1369, 19.9791



29.7568, -30.6750, 20.8298



29.7568, -35.4107, -61.1511

Rectangle

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



29.7564, 46.2482, -86.1056



29.7568, 85.4417, 0.4503



29.7568, -30.6750, 20.8298



29.7568, -40.9817, 2.7436

Sweetspot

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



29.7568, 46.2493, -86.1044



78.4743, 13.7756, -22.8827



50.6269, -11.7962, -30.8729



34.8191, 7.8254, -12.8892

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



29.7568, 46.2493, -86.1044



32.8182, 73.4182, -149.4124



38.6454, 62.5546, -56.1340



32.3489, 0.7766, -1.8959



18.7623, 46.2627, -97.4234



4.5505, 10.5518, -18.4464

Inverse Universe

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



40.0355, 60.0981, -13.9468



49.9271, 88.4789, -15.2455



64.4639, -48.4749, 36.3019



32.7892, 2.0649, 0.2395



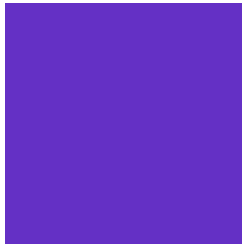
29.7544, 54.4693, -8.0131



6.5766, 12.2180, -3.1556

Previews

White Background



This preview shows how the HunterLab color 29.7564, 46.2482, -86.1056 looks on a white background.

Color Contrast Check

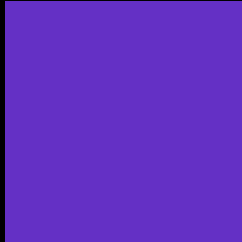
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 29.7564, 46.2482, -86.1056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

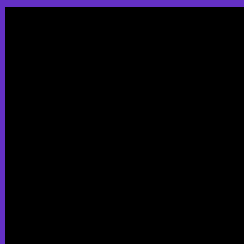
Any Text WCAG AA × Fail

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 29.7564, 46.2482, -86.1056 Background



This preview shows how black text looks on a background with the HunterLab color 29.7564, 46.2482, -86.1056.



This preview shows how white text looks on a background with the HunterLab color 29.7564, 46.2482, -86.1056.

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

29.7564, 46.2482, -86.1056

Protanopia

29.7071, 9.8604, -58.4170

Deuteranopia

29.6009, 0.0235, -37.0493



Tritanopia

29.9104, -4.7048, -2.1798

Trichromacy



Original Color

29.7564, 46.2482, -86.1056

Protanomaly

28.1542, 21.0663, -73.2156

Deuteranomaly

27.7964, 14.5229, -58.5471

Tritanomaly

28.6315, 11.9830, -26.6133

Monochromacy



Original Color

29.7564, 46.2482, -86.1056

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

27.8586, 13.5768, -22.4770

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7564, 46.2482, -86.1056 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(100, 48, 197)` looks like.

```
.text, #text, p{  
    color:rgb(100, 48, 197)  
}
```

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(100, 48, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 48, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7564, 46.2482, -86.1056 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(100, 48, 197) }
```


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

```
.border{ border-color:rgb(100, 48, 197) }
```

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

Here you see how a box with a 4 pixel rgb(100, 48, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 48, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 48, 197);  
box-shadow:4px 4px 4px 4px rgb(100, 48,  
197) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.7564, 46.2482, -86.1056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 48, 197) }
```

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

```
.background{ background-color: rgb(100, 48,  
197) }
```

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