

Converting Colors

HunterLab(29.1089, 42.9781,
-96.3920)

Have a look what the booklet for
HunterLab(29.1089, 42.9781,
-96.3920) contains.

HunterLab(29.1089, 42.9781, -96.3920)	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(29.1089, 42.9781,
-96.3920)**

Conversions

Conversions Part 1

Format	Color
Hex	5034CB
RGB	80, 52, 203
RGB Percent	31%, 20%, 80%
CMY	0.6862, 0.7961, 0.2039
CMYK	0.61, 0.74, 0.00, 0.20
HSL	251°, 59%, 50%
HSV	251°, 74%, 80%
XYZ	15.3158, 8.4733, 57.3283
YIQ	77.5860, -31.7830, 52.8970

Conversions

Conversions Part 2

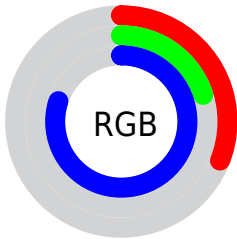
Format	Color
R _Y B	80, 52, 203
Decimal	5256395
CIE Lab	34.95, 52.48, -73.65
CIE LCh	35, 90.434, 305.469
Yxy	8.4735, 0.1888, 0.1045
Android (android.graphics.Color)	4283446475 (0xFF5034CB)
YUV	77.5860, 61.8291, 2.1171
Hunter-Lab	29.1089, 42.9781, -96.3920

Details

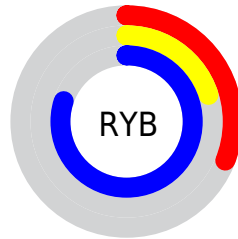
The HunterLab color **29.1089, 42.9781, -96.3920** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **72.1617, -28.1959, 41.3029**, and the grayscale version is **27.2462, -1.4538, 1.4803**.

A 20% lighter version of the original color is **47.4063, 44.8971, -88.3264**, and **14.5141, 39.3694, -103.1286** is the 20% darker color. If you saturate the color by 10%, you get **25.3003, 50.0401, -115.9395**, and if you desaturate by 10%, it is **33.9139, 35.3763, -77.2595**.

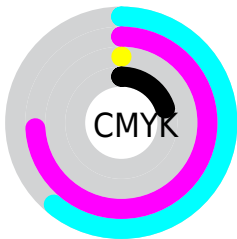
Distribution



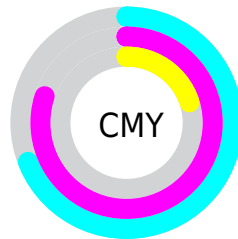
- Red (31%)
- Green (20%)
- Blue (80%)



- Red (31%)
- Yellow (20%)
- Blue (80%)



- Cyan (61%)
- Magenta (74%)
- Yellow (0%)
- Black (20%)



- Cyan (69%)
- Magenta (80%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.1089, 42.9781, -96.3920 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 29.1089, 42.9781, -96.3920 by changing the saturation by 10% instead.

■ 29.1089, 42.9781,
-96.3920

■ 29.1089, 42.9781,
-96.3920

■ 133.9402, 56.9607,
-97.5628

■ 20.9747, 40.9883,
-100.8126

■ 47.8346, 46.7996,
-93.4997

■ 13.7818, 39.1323,
-110.3337

■ 58.2960, 48.5570,
-93.3793

■ 7.4027, 40.4095,
-139.0147

■ 69.4253, 50.2049,
-93.6810

0.0000, INF, -NF

■ 81.1845, 51.7467,
-94.2421

0.0000, NaN, -NF

■ 93.5415, 53.1874,
-94.9637

0.0000, NaN, -NF

■ 106.4688, 54.5329,

0.0000, NaN, NaN

-95.7829

0.0000, NaN, NaN

119.9421, 55.7889,
-96.6586

■ 29.1089, 42.9781,
-96.3920

■ 29.1089, 42.9781,
-96.3920

■ 25.3003, 50.0401,
-115.9395

■ 33.9139, 35.3763,
-77.2595

■ 22.7228, 55.0770,
-132.4586

■ 39.4792, 28.0244,
-60.0348

■ 21.7194, 57.0469,
-139.8534

■ 45.6231, 21.1793,
-44.9420

■ 52.2167, 14.8470,
-31.7183

■ 59.1700, 8.9513,
-19.9979

■ 66.4197, 3.4032,
-9.4483

■ 73.9201, -1.8763,
0.1986

■ 81.6375, -6.9509,
9.1491

■ 89.5460, -11.8708,
17.5602

Harmonies

Analogous

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



29.1092, 4.4907, -135.6196



29.1089, 42.9781, -96.3920



29.1092, 77.3378, -34.2796

Triad

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



29.1092, 42.9798, -96.3910



29.1092, 28.3542, 20.3764



29.1092, -40.7939, -4.5068

Complementary

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



29.1089, 42.9781, -96.3920



72.1617, -28.1959, 41.3029

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.



29.1092, -38.8619, 16.8491



29.1089, 42.9781, -96.3920



29.1092, -7.1438, 20.3764

Square

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



29.1092, 42.9798, -96.3910



29.1092, 66.6619, 19.2681



29.1092, -29.1712, 20.3764



29.1092, -36.4423, -56.2151

Rectangle

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



29.1089, 42.9781, -96.3920



29.1092, 87.6483, -3.3839



29.1092, -29.1712, 20.3764



29.1092, -40.8242, 5.8070

Sweetspot

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



29.1092, 42.9798, -96.3910



78.4989, 10.0483, -22.9104



59.8542, -22.4726, -19.4791



35.1440, 5.5837, -12.4095

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



29.1092, 42.9798, -96.3910



30.5947, 68.9961, -163.2817



37.0869, 58.1198, -66.4553



33.0793, 0.3497, -2.1412



17.4108, 45.5764, -110.9180



4.3283, 10.6828, -22.5553

Inverse Universe

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



42.7169, 65.6232, -28.8167



51.8577, 93.9346, -38.3020



67.5714, -46.3677, 37.9749



33.7145, 2.3880, -0.4344



31.3520, 59.2711, -22.9954



7.1874, 13.6965, -6.1137

Previews

White Background



This preview shows how the HunterLab color 29.1089, 42.9781, -96.3920 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 29.1089, 42.9781, -96.3920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

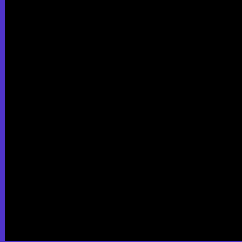
Any Text WCAG AA × Fail

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 29.1089, 42.9781, -96.3920 Background



This preview shows how black text looks on a background with the HunterLab color 29.1089, 42.9781, -96.3920.



This preview shows how white text looks on a background with the HunterLab color 29.1089, 42.9781, -96.3920.

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

29.1089, 42.9781, -96.3920

Protanopia

28.9517, 9.5774, -56.8619

Tritanopia

28.9973, -12.1743, -5.4689

Trichromacy



Original Color

29.1089, 42.9781, -96.3920

Protanomaly

27.9513, 20.5217, -74.0103

Tritanomaly

27.4359, 5.0447, -33.3418

Monochromacy



Original Color

29.1089, 42.9781, -96.3920

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

27.1082, 11.3471, -24.0823

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.1089, 42.9781, -96.3920 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(80, 52, 203)` looks like.

```
.text, #text, p{  
    color:rgb(80, 52, 203)  
}
```

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(80, 52, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 52, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 29.1089, 42.9781, -96.3920 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(80, 52, 203) }
```

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

```
.border{ border-color:rgb(80, 52, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 52, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 52, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 52, 203);  
box-shadow:4px 4px 4px 4px rgb(80, 52,  
203) }
```


Background

The CSS property to change the background color of an element to HunterLab 29.1089, 42.9781, -96.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 52, 203) }
```

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

```
.background{ background-color: rgb(80, 52,  
203) }
```

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