

Converting Colors

HunterLab(28.7087, 36.3143,
-89.5304)

Have a look what the booklet for
HunterLab(28.7087, 36.3143,
-89.5304) contains.

HunterLab(28.7695, 36.0887, -89.2682)	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(28.7695, 36.0887,
-89.2682)**

Conversions

Conversions Part 1

Format	Color
Hex	453AC4
RGB	69, 58, 196
RGB Percent	27%, 23%, 77%
CMY	0.7294, 0.7726, 0.2314
CMYK	0.65, 0.70, 0.00, 0.23
HSL	245°, 54%, 50%
HSV	245°, 70%, 77%
XYZ	13.9311, 8.2768, 53.0879
YIQ	77.0210, -37.7420, 45.2500

Conversions

Conversions Part 2

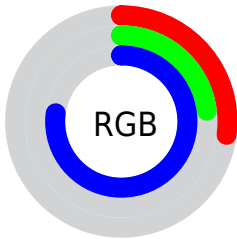
Format	Color
R _Y B	69, 58, 196
Decimal	4537028
CIE Lab	34.55, 45.73, -70.25
CIE LCh	35, 83.823, 303.059
Yxy	8.2770, 0.1850, 0.1099
Android (android.graphics.Color)	4282727108 (0xFF453AC4)
YUV	77.0210, 58.6566, -7.0344
Hunter-Lab	28.7695, 36.0887, -89.2682

Details

The HunterLab color **28.7695, 36.0887, -89.2682** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **70.7805, -21.7060, 39.8816**, and the grayscale version is **27.0561, -1.4436, 1.4700**.

A 20% lighter version of the original color is **47.5149, 39.5537, -87.0319**, and **14.7852, 33.7560, -91.3497** is the 20% darker color. If you saturate the color by 10%, you get **24.6991, 43.7427, -109.3799**, and if you desaturate by 10%, it is **33.7726, 28.6053, -70.3728**.

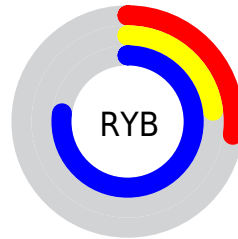
Distribution



Red (27%)

Green (23%)

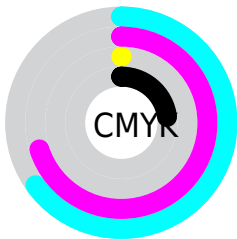
Blue (77%)



Red (27%)

Yellow (23%)

Blue (77%)

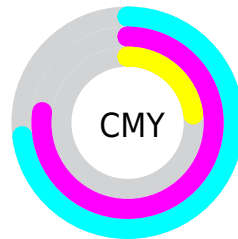


Cyan (65%)

Magenta (70%)

Yellow (0%)

Black (23%)



Cyan (73%)

Magenta (77%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7695, 36.0887, -89.2682 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 28.7695, 36.0887, -89.2682 by changing the saturation by 10% instead.

■ 28.7695, 36.0887,
-89.2682

■ 28.7695, 36.0887,
-89.2682

■ 133.3750, 48.0770,
-91.4307

■ 20.6705, 34.2444,
-93.0498

■ 47.4339, 39.4990,
-87.0126

■ 13.5176, 32.4205,
-101.4386

■ 57.8679, 41.0297,
-87.0515

■ 7.0998, 33.9001,
-129.2137

■ 68.9714, 42.4475,
-87.4549

0.0000, INF, -NF

■ 80.7063, 43.7589,
-88.0782

0.0000, NaN, -NF

■ 93.0402, 44.9709,
-88.8338

0.0000, NaN, -NF

■ 105.9453, 46.0906,

0.0000, NaN, NaN

-89.6664

0.0000, NaN, NaN

119.3974, 47.1240,
-90.5401

■ 28.7695, 36.0887,
-89.2682

■ 28.7695, 36.0887,
-89.2682

■ 24.6991, 43.7427,
-109.3799

■ 33.7726, 28.6053,
-70.3728

■ 21.8329, 50.2410,
-127.4902

■ 39.4714, 21.7869,
-53.7434

■ 20.2299, 54.3450,
-139.6436

■ 45.6957, 15.6851,
-39.3295

■ 52.3285, 10.1965,
-26.7494

■ 59.2896, 5.1923,
-15.6002

■ 66.5229, 0.5595,
-5.5455

■ 73.9881, -3.7914,
3.6746

■ 81.6549, -7.9289,
12.2559

■ 89.5007, -11.9045,
20.3451

Harmonies

Analogous

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



28.7698, 1.5314, -119.7776



28.7695, 36.0887, -89.2682



28.7698, 67.8690, -34.8267

Triad

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



28.7698, 36.0903, -89.2673



28.7698, 28.6914, 20.1389



28.7698, -38.9454, -1.4427

Complementary

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



28.7695, 36.0887, -89.2682



70.7805, -21.7060, 39.8816

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.



28.7698, -36.5006, 16.8019



28.7695, 36.0887, -89.2682



28.7698, -4.4813, 20.1389

Square

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



28.7698, 36.0903, -89.2673



28.7698, 62.5304, 18.1435



28.7698, -26.2674, 20.1389



28.7698, -35.1619, -45.6808

Rectangle

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



28.7695, 36.0887, -89.2682



28.7698, 78.4505, -5.6914



28.7698, -26.2674, 20.1389



28.7698, -38.8188, 7.3182

Sweetspot

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



28.7698, 36.0903, -89.2673



78.9211, 7.5858, -22.3111



63.5146, -28.4223, -10.1113



35.2829, 4.3636, -12.2108

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



28.7698, 36.0903, -89.2673



31.1259, 63.5190, -159.9215



35.0179, 49.1418, -65.9853



31.2818, 0.0426, -2.1122



16.2636, 43.5975, -111.5482



3.5737, 9.2161, -21.6912

Inverse Universe

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



42.7367, 63.1858, -36.2308



53.8517, 96.1734, -54.1177



66.0477, -40.0523, 36.4038



31.9894, 2.3935, -0.8139



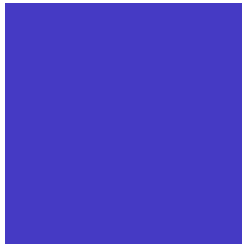
31.1025, 60.1215, -33.0602



6.4974, 12.6097, -7.2956

Previews

White Background



This preview shows how the HunterLab color 28.7695, 36.0887, -89.2682 looks on a white background.

Color Contrast Check

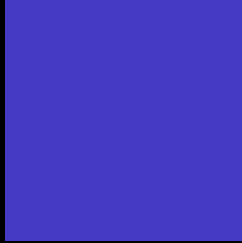
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7695, 36.0887, -89.2682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

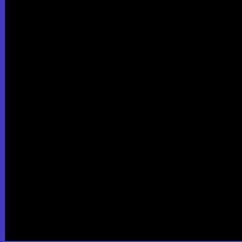
Any Text WCAG AA × Fail

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 28.7695, 36.0887, -89.2682 Background



This preview shows how black text looks on a background with the HunterLab color 28.7695, 36.0887, -89.2682.



This preview shows how white text looks on a background with the HunterLab color 28.7695, 36.0887, -89.2682.

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

28.7695, 36.0887, -89.2682

Protanopia

28.5751, 9.4365, -56.0871

Deuteranopia

28.4774, -0.3110, -34.9229



Tritanopia

28.5926, -13.7422, -6.0729

Trichromacy



Original Color

28.7695, 36.0887, -89.2682

Protanomaly

28.0138, 17.8205, -69.3580

Deuteranomaly

27.7082, 11.3111, -54.8786

Tritanomaly

27.1089, 1.0148, -31.8104

Monochromacy



Original Color

28.7695, 36.0887, -89.2682

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

26.8183, 9.0065, -22.6014

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7695, 36.0887, -89.2682 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(69, 58, 196)` looks like.

```
.text, #text, p{  
    color:rgb(69, 58, 196)  
}
```

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(69, 58, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 58, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7695, 36.0887, -89.2682 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(69, 58, 196) }
```


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

```
.border{ border-color:rgb(69, 58, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 58, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 58, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 58, 196);  
box-shadow:4px 4px 4px 4px rgb(69, 58,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.7695, 36.0887, -89.2682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 58, 196) }
```

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

```
.background{ background-color: rgb(69, 58,  
196) }
```

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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