

Converting Colors

HunterLab(31.3137, 55.2240,
-80.0501)

Have a look what the booklet for
HunterLab(31.3137, 55.2240,
-80.0501) contains.

HunterLab(31.2689, 55.0470, -79.9288)	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(31.2689, 55.0470,
-79.9288)**

Conversions

Conversions Part 1

Format	Color
Hex	7D26C5
RGB	125, 38, 197
RGB Percent	49%, 15%, 77%
CMY	0.5098, 0.8510, 0.2274
CMYK	0.37, 0.81, 0.00, 0.23
HSL	273°, 68%, 46%
HSV	273°, 81%, 77%
XYZ	19.2286, 9.7774, 53.6972
YIQ	82.1390, 0.8130, 67.8930

Conversions

Conversions Part 2

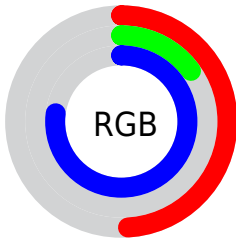
Format	Color
R _Y B	125, 38, 197
Decimal	8201925
CIE Lab	37.44, 63.18, -65.87
CIE LCh	37, 91.273, 313.802
Yxy	9.7778, 0.2325, 0.1182
Android (android.graphics.Color)	4286392005 (0xFF7D26C5)
YUV	82.1390, 56.6265, 37.5891
Hunter-Lab	31.2689, 55.0470, -79.9288

Details

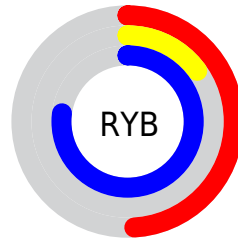
The HunterLab color **31.2689, 55.0470, -79.9288** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **65.8693, -42.7906, 38.1886**, and the grayscale version is **28.8994, -1.5420, 1.5702**.

A 20% lighter version of the original color is **50.2918, 59.5726, -79.5024**, and **17.6387, 41.2787, -74.4295** is the 20% darker color. If you saturate the color by 10%, you get **28.6223, 59.1277, -90.7501**, and if you desaturate by 10%, it is **34.7698, 48.9924, -67.7931**.

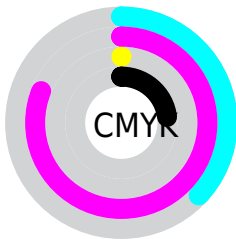
Distribution



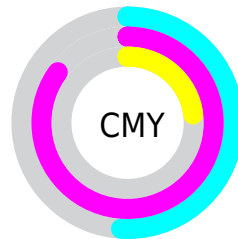
- Red (49%)
- Green (15%)
- Blue (77%)



- Red (49%)
- Yellow (15%)
- Blue (77%)



- Cyan (37%)
- Magenta (81%)
- Yellow (0%)
- Black (23%)



- Cyan (51%)
- Magenta (85%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2689, 55.0470, -79.9288 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 31.2689, 55.0470, -79.9288 by changing the saturation by 10% instead.

31.2689, 55.0470,
-79.9288

31.2689, 55.0470,
-79.9288

137.5058, 71.7266,
-84.0219

22.9169, 52.9037,
-82.1887

50.3752, 59.3727,
-78.9994

15.4783, 51.0488,
-87.4428

61.0069, 61.4277,
-79.3353

9.0759, 50.3401,
-100.4130

72.2963, 63.3859,
-79.9174

0.0000, INF, -NF

0.0000, NaN, -NF

84.2072, 65.2441,
-80.6431

0.0000, NaN, -NF

96.7087, 67.0036,
-81.4497

0.0000, NaN, NaN

109.7741, 68.6677,

0.0000, NaN, NaN

-82.2976

123.3800, 70.2406,
-83.1607

■ 31.2689, 55.0470,
-79.9288

■ 31.2689, 55.0470,
-79.9288

■ 28.6223, 59.1277,
-90.7501

■ 34.7698, 48.9924,
-67.7931

■ 26.8451, 60.9893,
-99.0566

■ 39.0142, 41.8100,
-55.5040

■ 43.8772, 34.1420,
-43.7445

■ 49.2463, 26.3671,
-32.7900

■ 55.0302, 18.6705,
-22.6764

■ 61.1581, 11.1250,
-13.3300

■ 67.5755, 3.7455,
-4.6416

■ 74.2406, -3.4793,
3.4998

■ 81.1208, -10.5707,
11.1932

Harmonies

Analogous

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



31.2694, 14.8424, -130.5724



31.2689, 55.0470, -79.9288



31.2694, 84.8570, -20.0824

Triad

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



31.2694, 55.0474, -79.9273



31.2694, 17.9375, 21.8886



31.2694, -42.3692, -16.2591

Complementary

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



31.2689, 55.0470, -79.9288



65.8693, -42.7906, 38.1886

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.



31.2694, -42.1092, 14.2382



31.2689, 55.0470, -79.9288



31.2694, -15.3381, 21.8886

Square

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



31.2694, 55.0474, -79.9273



31.2694, 58.1019, 21.7062



31.2694, -34.4435, 21.8886



31.2694, -35.4094, -74.8011

Rectangle

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



31.2689, 55.0470, -79.9288



31.2694, 89.4118, 5.4248



31.2694, -34.4435, 21.8886



31.2694, -42.9950, -2.5434

Sweetspot

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



31.2694, 55.0474, -79.9273



78.7987, 18.5568, -22.3049



40.0949, 4.1537, -53.3334



35.0861, 10.2772, -12.4194

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



31.2694, 55.0474, -79.9273



36.3667, 80.9582, -130.4162



41.2907, 71.2675, -44.6677



32.5094, 1.3213, -1.6796



21.8867, 49.5960, -79.7661



5.1907, 11.3079, -15.3949

Inverse Universe

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



37.9242, 58.5201, 1.3311



47.7218, 83.6547, 8.9304



63.6565, -51.9311, 36.1599



32.7345, 1.7713, 1.0179



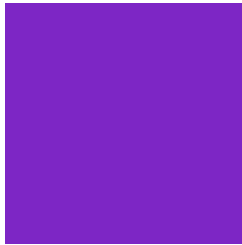
28.8110, 51.0510, 5.3512



6.3844, 11.5271, -0.4771

Previews

White Background



This preview shows how the HunterLab color 31.2689, 55.0470, -79.9288 looks on a white background.

Color Contrast Check

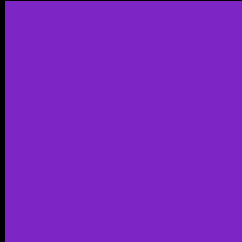
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.2689, 55.0470, -79.9288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

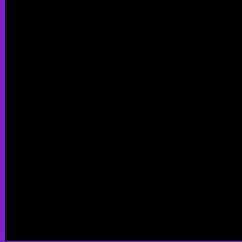
Any Text WCAG AA × Fail

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 31.2689, 55.0470, -79.9288 Background



This preview shows how black text looks on a background with the HunterLab color 31.2689, 55.0470, -79.9288.



This preview shows how white text looks on a background with the HunterLab color 31.2689, 55.0470, -79.9288.

-79.9288.

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

31.2689, 55.0470, -79.9288

Protanopia

31.5450, 10.2435, -61.5413

Deuteranopia

31.4364, 0.3017, -39.9441



Tritanopia

31.3860, 5.3896, 1.5805

Trichromacy



Original Color

31.2689, 55.0470, -79.9288

Protanomaly

28.9125, 23.9411, -77.0279

Deuteranomaly

28.5182, 17.3805, -62.2236

Tritanomaly

30.0293, 22.2597, -21.4279

Monochromacy



Original Color

31.2689, 55.0470, -79.9288

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

28.1928, 17.9231, -22.4160

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2689, 55.0470, -79.9288 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(125, 38, 197)` looks like.

```
.text, #text, p{  
    color:rgb(125, 38, 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(125, 38, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 38, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2689, 55.0470, -79.9288 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(125, 38, 197) }
```


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

```
.border{ border-color:rgb(125, 38, 197) }
```

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

Here you see how a box with a 4 pixel rgb(125, 38, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 38, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 38, 197);  
box-shadow:4px 4px 4px 4px rgb(125, 38,  
197) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.2689, 55.0470, -79.9288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 38, 197) }
```

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

```
.background{ background-color: rgb(125, 38,  
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