

Converting Colors

HunterLab(11.2787, 18.1705,
7.7034)

Have a look what the booklet for
HunterLab(11.2787, 18.1705,
7.7034) contains.

HunterLab(11.2799, 18.3280, 7.2715)	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(11.2799, 18.3280,
7.2715)**

Conversions

Conversions Part 1	
Format	Color
Hex	440200
RGB	68, 2, 0
RGB Percent	27%, 1%, 0%
CMY	0.7333, 0.9921, 1.0000
CMYK	0.00, 0.97, 1.00, 0.73
HSL	2°, 100%, 13%
HSV	2°, 100%, 27%
XYZ	2.4056, 1.2724, 0.1188
YIQ	21.5060, 39.9780, 13.3700

Conversions

Conversions Part 2

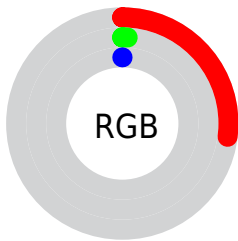
Format	Color
RYB	68, 2, 0
Decimal	4456960
CIELab	11.08, 30.07, 17.41
CIELCh	11, 34.747, 30.063
Yxy	1.2724, 0.6336, 0.3351
Android (android.graphics.Color)	4282647040 (0xFF440200)
YUV	21.5060, -10.6025, 40.7752
Hunter-Lab	11.2799, 18.3280, 7.2715

Details

The HunterLab color **11.2799, 18.3280, 7.2715** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **20.7684, -10.6348, -3.0012**, and the grayscale version is **8.8328, -0.4713, 0.4799**.

A 20% lighter version of the original color is **25.7798, 21.3730, 9.8285**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.2803, 18.3266, 7.2717**, and if you desaturate by 10%, it is **11.9608, 16.5947, 6.6928**.

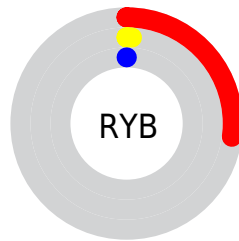
Distribution



Red (27%)

Green (1%)

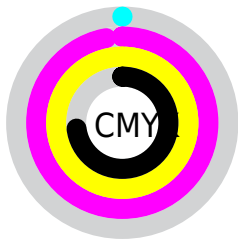
Blue (0%)



Red (27%)

Yellow (1%)

Blue (0%)

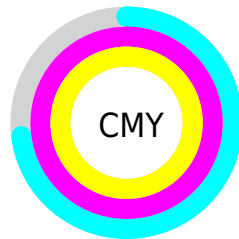


Cyan (0%)

Magenta (97%)

Yellow (100%)

Black (73%)



Cyan (73%)


Magenta (99%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 11.2799, 18.3280, 7.2715 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 11.2799, 18.3280, 7.2715 by changing the saturation by 10% instead.

 11.2799, 18.3280,
7.2715

 11.2799, 18.3280,
7.2715


 101.4016, 27.2079,
21.0352

 3.4600, 37.6890,
2.4220


 25.8575, 21.1544,
10.0078

0.0000, NaN, NaN

0.0000, NaN, NaN


 34.5187, 22.3621,
11.7349

0.0000, NaN, NaN


 43.9760, 23.4356,
13.3792

0.0000, NaN, NaN

0.0000, NaN, NaN

 54.1673, 24.3879,
14.9674

0.0000, NaN, NaN


 65.0431, 25.2313,
16.5169


0.0000, NaN, NaN


 76.5626, 25.9766,


0.0000, NaN, NaN


18.0394


 88.6919, 26.6329,
19.5434


 11.2799, 18.3280,
7.2715


 11.2799, 18.3280,
7.2715


 11.2803, 18.3266,
7.2717

 11.9608, 16.5947,
6.6928

 12.6767, 14.9074,
6.1950

 13.5911, 12.9487,
5.6322

 14.6926, 10.8430,
5.0099

 15.9581, 8.6915,
4.3628

■ 17.3650, 6.5605,
3.7148

■ 18.8930, 4.4869,
3.0802

■ 20.5244, 2.4871,
2.4660

■ 22.2450, 0.5649,
1.8747

Harmonies

Analogous

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



11.2803, 22.0798, 0.6318



11.2799, 18.3280, 7.2715



11.2803, 9.2561, 7.8962

Triad

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



11.2803, 18.3266, 7.2717



11.2803, -12.9209, 7.2474



11.2803, -0.5838, -30.7429

Complementary

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



11.2799, 18.3280, 7.2715



20.7684, -10.6348, -3.0012

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.



11.2803, -7.9878, -24.5125



11.2799, 18.3280, 7.2715



11.2803, -14.7118, 0.5962

Square

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



11.2803, 18.3266, 7.2717



11.2803, -8.0133, 7.8962



11.2803, -12.9062, -10.9435



11.2803, 9.2990, -24.4643

Rectangle

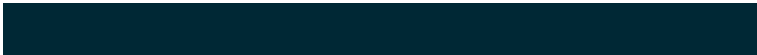
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



11.2799, 18.3280, 7.2715



11.2803, 2.5009, 7.8962



11.2803, -12.9062, -10.9435



11.2803, -3.4028, -30.0057

Sweetspot

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



11.2803, 18.3266, 7.2717



24.6447, 6.2586, 4.1662



12.7773, 25.0405, -16.2317



12.6124, 3.5373, 2.2540



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



11.2803, 18.3266, 7.2717



14.8099, 24.3715, 9.5525



15.6168, 6.8329, 9.7426



11.5925, 0.1435, 0.9199



16.1180, 26.6140, 10.3977



40.0685, 67.6977, 25.8752

Inverse Universe

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



20.7684, -10.6348, -3.0012



27.3504, -13.9834, -3.9994



12.2379, 1.6808, -18.9247



12.1442, -1.3720, 0.3806



29.7900, -15.2244, -4.3698



74.4551, -37.9361, -11.1692

Previews

White Background



This preview shows how the HunterLab color 11.2799, 18.3280, 7.2715 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 11.2799, 18.3280, 7.2715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

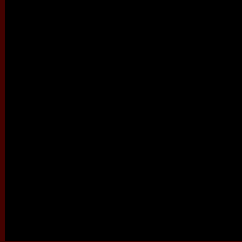
Any Text WCAG AA × Fail

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 11.2799, 18.3280, 7.2715 Background



This preview shows how black text looks on a background with the HunterLab color 11.2799, 18.3280, 7.2715.

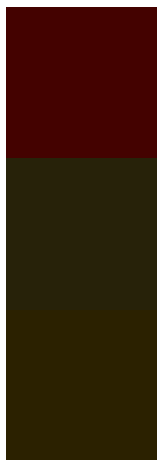


This preview shows how white text looks on a background with the HunterLab color 11.2799, 18.3280,

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

11.2799, 18.3280, 7.2715

Protanopia

12.6298, -1.4953, 6.5430

Deuteranopia

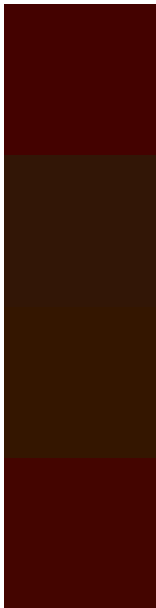
12.6543, -0.4202, 7.7901



Tritanopia

11.6584, 17.0942, 7.4831

Trichromacy



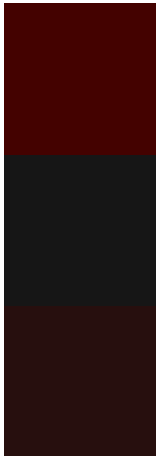
Original Color
11.2799, 18.3280, 7.2715

Protanomaly
11.2476, 6.2671, 6.1322

Deuteranomaly
11.4188, 6.6400, 7.1524

Tritanomaly
11.5650, 17.3933, 7.4308

Monochromacy



Original Color
11.2799, 18.3280, 7.2715

Achromatopsia
8.9572, -0.4779, 0.4867

Achromatomaly
8.9704, 5.9274, 2.8853

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.2799, 18.3280, 7.2715 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(68, 2, 0)` looks like.

```
.text, #text, p{  
    color:rgb(68, 2, 0)  
}
```

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(68, 2, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 2, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 11.2799, 18.3280, 7.2715 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(68, 2, 0) }
```


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

```
.border{ border-color:rgb(68, 2, 0) }
```

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

Here you see how a box with a 4 pixel rgb(68, 2, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 2, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(68, 2, 0); box-shadow:4px  
4px 4px 4px rgb(68, 2, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 11.2799, 18.3280, 7.2715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 2, 0) }
```

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

```
.background{ background-color: rgb(68, 2,  
0) }
```

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