

Converting Colors

HunterLab(29.2796, -21.0759,
12.8478)

Have a look what the booklet for
HunterLab(29.2796, -21.0759,
12.8478) contains.

HunterLab(29.2796, -21.0759, 12.8478)	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(29.2796,
-21.0759, 12.8478)**

Conversions

Conversions Part 1

Format	Color
Hex	195F2C
RGB	25, 95, 44
RGB Percent	10%, 37%, 17%
CMY	0.9020, 0.6274, 0.8274
CMYK	0.74, 0.00, 0.54, 0.63
HSL	136°, 58%, 24%
HSV	136°, 74%, 37%
XYZ	4.9477, 8.5729, 3.7768
YIQ	68.2560, -25.3490, -30.7010

Conversions

Conversions Part 2

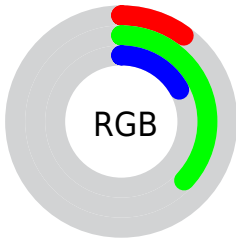
Format	Color
R_{YB}	25, 80, 95
Decimal	1662764
CIE Lab	35.15, -33.78, 22.96
CIE LCh	35, 40.843, 145.792
Yxy	8.5733, 0.2860, 0.4956
Android (android.graphics.Color)	4279852844 (0xFF195F2C)
YUV	68.2560, -11.9582, -37.9355
Hunter-Lab	29.2796, -21.0759, 12.8478

Details

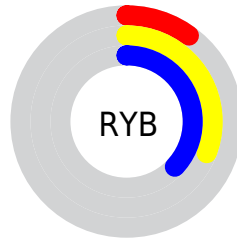
The HunterLab color $[29.2796, -21.0759, 12.8478]$ is a dark color, and the websafe version is hex 006633 . A complement of this color would be $[19.1053, 26.0964, -8.9905]$, and the grayscale version is $[24.1806, -1.2902, 1.3138]$.

A 20% lighter version of the original color is $[47.9326, -26.5639, 16.8281]$, and $[14.2584, -12.2266, 8.5719]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.0252, -22.3031, 13.9061]$, and if you desaturate by 10%, it is $[29.6172, -19.4983, 11.6566]$.

Distribution



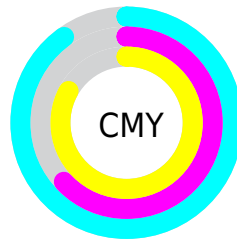
- Red (10%)
- Green (37%)
- Blue (17%)



- Red (10%)
- Yellow (31%)
- Blue (37%)



- Cyan (74%)
- Magenta (0%)
- Yellow (54%)
- Black (63%)



- Cyan (90%)
- Magenta (63%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.2796, -21.0759, 12.8478 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 29.2796, -21.0759, 12.8478 by changing the saturation by 10% instead.

■ 29.2796, -21.0759,
12.8478

■ 29.2796, -21.0759,
12.8478

134.2245,
-43.0300, 29.5920

■ 21.1280, -17.9547,
10.5695

■ 48.0364, -26.6367,
16.9724

■ 13.9152, -14.4803,
8.7999

■ 58.5115, -29.1955,
18.8972

■ 7.5503, -13.2130,
5.2852

■ 69.6536, -31.6536,
20.7619

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.4251, -34.0327,
22.5815

0.0000, NaN, NaN

■ 93.7937, -36.3491,
24.3669

0.0000, NaN, NaN

■ 106.7321,

0.0000, NaN, NaN

-38.6149, 26.1265

0.0000, NaN, NaN

120.2161,
-40.8394, 27.8666

29.2796, -21.0759,
12.8478

29.2796, -21.0759,
12.8478

29.0252, -22.3031,
13.9061

29.6172, -19.4983,
11.6566

28.8410, -23.2158,
14.8184

30.0403, -17.5664,
10.3434

28.7374, -23.7277,
15.3019

30.5520, -15.2885,
8.9221

31.1535, -12.6807,
7.4080

31.8445, -9.7662,
5.8174

■ 32.6237, -6.5725,
4.1666

■ 33.4891, -3.1298,
2.4709

■ 34.4378, 0.5311,
0.7449

■ 35.4667, 4.3798,
-0.9987

Harmonies

Analogous

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



29.2802, -12.6338, 16.7504



29.2796, -21.0759, 12.8478



29.2802, -24.3237, 3.4563

Triad

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



29.2802, -21.0763, 12.8480



29.2802, -3.5624, -38.5578



29.2802, 27.6703, 10.8727

Complementary

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



29.2796, -21.0759, 12.8478



19.1053, 26.0964, -8.9905

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.



29.2802, 31.3696, -0.3997



29.2796, -21.0759, 12.8478



29.2802, 11.4425, -33.2833

Square

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



29.2802, -21.0763, 12.8480



29.2802, -15.5247, -29.5058



29.2802, 24.9442, -17.3491



29.2802, 15.6299, 16.0564

Rectangle

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



29.2796, -21.0759, 12.8478



29.2802, -23.6755, -6.4919



29.2802, 24.9442, -17.3491



29.2802, 30.0189, 7.8780

Sweetspot

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



29.2802, -21.0763, 12.8480



41.7740, -12.3661, 7.3937



31.3133, -13.3271, 17.3202



20.3721, -6.3720, 3.7882



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



29.2802, -21.0763, 12.8480



37.8124, -30.0400, 19.0493



29.9185, -17.2011, 3.6005



16.9308, -2.5400, 1.7225



34.2470, -28.3653, 18.4268



79.0734, -66.0792, 43.8111

Inverse Universe

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



19.1053, 26.0964, -8.9905



23.0064, 39.1282, -11.9252



18.1404, 22.1107, 4.6081



16.1795, 0.8347, 0.0770



20.1574, 37.5231, -10.2531



46.4261, 86.1422, -21.4427

Previews

White Background



This preview shows how the HunterLab color 29.2796, -21.0759, 12.8478 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

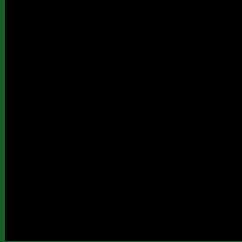
Any Text WCAG AA × Fail

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 29.2796, -21.0759, 12.8478 Background



This preview shows how black text looks on a background with the HunterLab color 29.2796, -21.0759, 12.8478.



This preview shows how white text looks on a background with the HunterLab color 29.2796,

-21.0759, 12.8478.

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

29.2796, -21.0759, 12.8478

Protanopia

29.0033, -3.2761, 13.7106

Deuteranopia

29.1799, 1.4515, 12.3242



Tritanopia

29.1915, -9.9550, -5.1566

Trichromacy



Original Color

29.2796, -21.0759, 12.8478

Protanomaly

28.5828, -11.7807, 13.0548

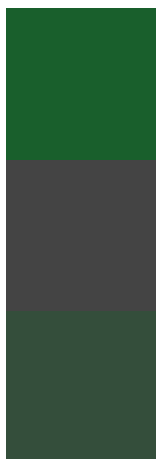
Deuteranomaly

28.4933, -9.0854, 11.8024

Tritanomaly

28.9953, -14.7666, 2.8698

Monochromacy



Original Color

29.2796, -21.0759, 12.8478

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

25.4845, -10.0671, 5.9009

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.2796, -21.0759, 12.8478 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(25, 95, 44)` looks like.

```
.text, #text, p{  
    color:rgb(25, 95, 44)  
}
```

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(25, 95, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 95, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 29.2796, -21.0759, 12.8478 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(25, 95, 44) }
```


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

```
.border{ border-color:rgb(25, 95, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 95, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 95, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 95, 44);  
box-shadow:4px 4px 4px 4px rgb(25, 95, 44)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.2796, -21.0759, 12.8478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 95, 44) }
```

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

```
.background{ background-color: rgb(25, 95,  
44) }
```

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