

Converting Colors

HunterLab(29.7869, -19.7726,
16.8366)

Have a look what the booklet for
HunterLab(29.7869, -19.7726,
16.8366) contains.

HunterLab(29.7194, -19.7337, 16.8258)	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(29.7194,
-19.7337, 16.8258)**

Conversions

Conversions Part 1

Format	Color
Hex	2F5F12
RGB	47, 95, 18
RGB Percent	18%, 37%, 7%
CMY	0.8157, 0.6274, 0.9294
CMYK	0.51, 0.00, 0.81, 0.63
HSL	97°, 68%, 22%
HSV	97°, 81%, 37%
XYZ	5.3737, 8.8324, 1.9939
YIQ	71.8700, -3.8910, -34.1230

Conversions

Conversions Part 2

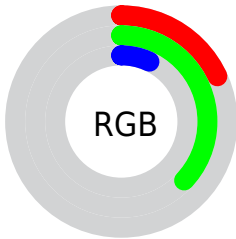
Format	Color
RYB	18, 95, 66
Decimal	3104530
CIELab	35.66, -30.77, 36.35
CIELCh	36, 47.625, 130.245
Yxy	8.8328, 0.3317, 0.5452
Android (android.graphics.Color)	4281294610 (0xFF2F5F12)
YUV	71.8700, -26.5579, -21.8110
Hunter-Lab	29.7194, -19.7337, 16.8258

Details

The HunterLab color $[29.7194, -19.7337, 16.8258]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[15.5481, 24.7880, -31.2723]$, and the grayscale version is $[25.5032, -1.3608, 1.3856]$.

A 20% lighter version of the original color is $[48.5383, -24.8920, 22.9869]$, and $[14.5393, -12.4674, 8.7408]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.4558, -20.9055, 17.2930]$, and if you desaturate by 10%, it is $[30.0351, -18.3281, 16.0789]$.

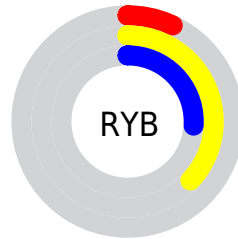
Distribution



Red (18%)

Green (37%)

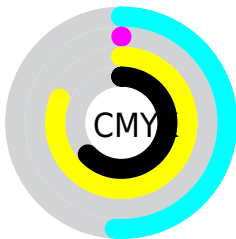
Blue (7%)



Red (7%)

Yellow (37%)

Blue (26%)

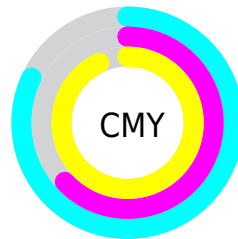


Cyan (51%)

Magenta (0%)

Yellow (81%)

Black (63%)



Cyan (82%)

Magenta (63%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7194, -19.7337, 16.8258 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 29.7194, -19.7337, 16.8258 by changing the saturation by 10% instead.

■ 29.7194, -19.7337,
16.8258

■ 29.7194, -19.7337,
16.8258

134.9539,
-40.1058, 40.7438

■ 21.5228, -16.8874,
13.5463

■ 48.5547, -24.8404,
22.9684

■ 14.2589, -13.7127,
9.9813

■ 59.0650, -27.2039,
25.7806

■ 7.9160, -13.8531,
5.5412

■ 70.2402, -29.4817,
28.4686

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.0428, -31.6928,
31.0576

0.0000, NaN, NaN

■ 94.4412, -33.8514,
33.5664


0.0000, NaN, NaN


■ 107.4080,


0.0000, NaN, NaN


-35.9679, 36.0098


0.0000, NaN, NaN


 120.9193,
-38.0506, 38.3992


 29.7194, -19.7337,
16.8258


 29.7194, -19.7337,
16.8258


 29.4558, -20.9055,
17.2930


 30.0351, -18.3281,
16.0789

 29.2504, -21.8220,
17.6419

 30.4031, -16.6821,
15.0283

 30.8252, -14.7981,
13.6629

 31.3022, -12.6822,
11.9786

 31.8340, -10.3437,
9.9773

■ 32.4203, -7.7947,
7.6658

■ 33.0605, -5.0492,
5.0548

■ 33.7533, -2.1221,
2.1580

■ 34.4976, 0.9707,
-1.0088

Harmonies

Analogous

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



29.7200, -7.1256, 18.7630



29.7194, -19.7337, 16.8258



29.7200, -26.3186, 10.2534

Triad

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



29.7200, -19.7343, 16.8259



29.7200, -11.7511, -44.3690



29.7200, 37.4208, 6.5876

Complementary

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



29.7194, -19.7337, 16.8258



15.5481, 24.7880, -31.2723

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.



29.7200, 35.4021, -10.7778



29.7194, -19.7337, 16.8258



29.7200, 4.3887, -47.3988

Square

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



29.7200, -19.7343, 16.8259



29.7200, -22.4700, -25.9255



29.7200, 22.3360, -32.7655



29.7200, 27.3581, 15.4235

Rectangle

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



29.7194, -19.7337, 16.8258



29.7200, -27.5140, 1.4857



29.7200, 22.3360, -32.7655



29.7200, 38.1783, 1.7492

Sweetspot

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



29.7200, -19.7343, 16.8259



42.1384, -11.4532, 11.1861



25.1263, 3.9607, 14.2014



20.5382, -5.9931, 5.8266



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.



29.7200, -19.7343, 16.8259



38.2927, -28.4808, 22.9339



28.9698, -22.7261, 15.3327



17.0220, -2.2734, 2.2841



34.8283, -26.1935, 21.0025



80.2065, -61.7691, 48.3415

Inverse Universe

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



15.5481, 24.7880, -31.2723



17.6108, 37.0307, -50.9272



18.8093, 29.8727, -15.6513



16.0769, 0.5548, -0.5767



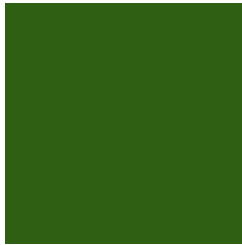
15.7304, 34.4038, -47.7031



35.6424, 78.6393, -113.4053

Previews

White Background



This preview shows how the HunterLab color 29.7194, -19.7337, 16.8258 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

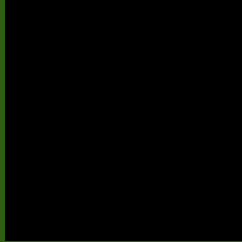
Any Text WCAG AA × Fail

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 29.7194, -19.7337, 16.8258 Background



This preview shows how black text looks on a background with the HunterLab color 29.7194, -19.7337, 16.8258.



This preview shows how white text looks on a background with the HunterLab color 29.7194,

-19.7337, 16.8258.

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

29.7194, -19.7337, 16.8258

Protanopia

29.5885, -4.2864, 17.2517

Deuteranopia

29.4445, 1.8692, 16.2084



Tritanopia

29.6389, -6.9130, -3.9949

Trichromacy



Original Color

29.7194, -19.7337, 16.8258

Protanomaly

29.3166, -10.8519, 16.8834

Deuteranomaly

29.0580, -7.4870, 16.1204

Tritanomaly

29.5157, -13.1893, 6.9709

Monochromacy



Original Color

29.7194, -19.7337, 16.8258

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

26.5368, -9.1853, 8.9324

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7194, -19.7337, 16.8258 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(47, 95, 18)` looks like.

```
.text, #text, p{  
  color:rgb(47, 95, 18)  
}
```

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(47, 95, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 95, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7194, -19.7337, 16.8258 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(47, 95, 18) }
```


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

```
.border{ border-color:rgb(47, 95, 18) }
```

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

Here you see how a box with a 4 pixel rgb(47, 95, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 95, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 95, 18);  
box-shadow:4px 4px 4px 4px rgb(47, 95, 18)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.7194, -19.7337, 16.8258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 95, 18) }
```

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

```
.background{ background-color: rgb(47, 95,  
18) }
```

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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