

Converting Colors

HunterLab(29.1520, -21.2972,
15.0314)

Have a look what the booklet for
HunterLab(29.1520, -21.2972,
15.0314) contains.

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Color

**HunterLab(29.2736,
-21.4015, 15.1759)**

Conversions

Conversions Part 1

Format	Color
Hex	1F5F1E
RGB	31, 95, 30
RGB Percent	12%, 37%, 12%
CMY	0.8784, 0.6274, 0.8823
CMYK	0.67, 0.00, 0.68, 0.63
HSL	119°, 52%, 25%
HSV	119°, 68%, 37%
XYZ	4.8916, 8.5694, 2.6245
YIQ	68.4540, -17.2790, -33.7830

Conversions

Conversions Part 2

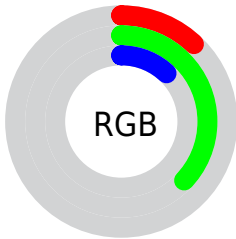
Format	Color
R_{YB}	30, 95, 94
Decimal	2055966
CIE _{Lab}	35.14, -34.46, 30.40
CIE _{LCh}	35, 45.951, 138.576
Yxy	8.5698, 0.3041, 0.5327
Android (android.graphics.Color)	4280246046 (0xFF1F5F1E)
YUV	68.4540, -18.9578, -32.8472
Hunter-Lab	29.2736, -21.4015, 15.1759

Details

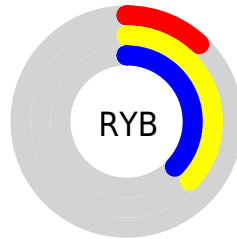
The HunterLab color $[29.2736, -21.4015, 15.1759]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[20.3340, 27.1490, -18.5641]$, and the grayscale version is $[24.2720, -1.2951, 1.3187]$.

A 20% lighter version of the original color is $[47.9358, -27.0092, 20.3807]$, and $[14.5393, -12.4674, 8.7408]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.9890, -22.7370, 16.0629]$, and if you desaturate by 10%, it is $[29.6527, -19.6516, 14.0022]$.

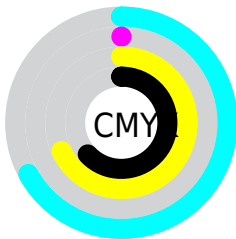
Distribution



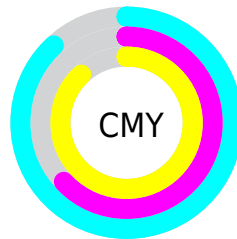
- Red (12%)
- Green (37%)
- Blue (12%)



- Red (12%)
- Yellow (37%)
- Blue (37%)



- Cyan (67%)
- Magenta (0%)
- Yellow (68%)
- Black (63%)



- Cyan (88%)
- Magenta (63%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.2736, -21.4015, 15.1759 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 29.2736, -21.4015, 15.1759 by changing the saturation by 10% instead.

■ 29.2736, -21.4015,
15.1759

■ 29.2736, -21.4015,
15.1759

134.2145,
-43.7076, 35.8915

■ 21.1226, -18.2208,
12.2451

■ 48.0293, -27.0622,
20.4274

■ 13.9105, -14.6909,
9.7373

■ 58.5039, -29.6644,
22.8438

■ 7.5452, -13.2041,
5.2816

■ 69.6457, -32.1626,
25.1635

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.4166, -34.5792,
27.4076

0.0000, NaN, NaN

■ 93.7849, -36.9309,
29.5917

0.0000, NaN, NaN

■ 106.7229,

0.0000, NaN, NaN

-39.2301, 31.7279

0.0000, NaN, NaN

120.2065,
-41.4865, 33.8254

29.2736, -21.4015,
15.1759

29.2736, -21.4015,
15.1759

28.9890, -22.7370,
16.0629

29.6527, -19.6516,
14.0022

28.7909, -23.6719,
16.6744

30.1284, -17.4859,
12.5403

28.6478, -24.3545,
17.1371

30.7036, -14.9176,
10.7984

28.6254, -24.4617,
17.2106

31.3785, -11.9696,
8.7917

32.1524, -8.6725,
6.5409

■ 33.0230, -5.0614,
4.0701

■ 33.9874, -1.1740,
1.4051

■ 35.0420, 2.9521,
-1.4281

■ 36.1825, 7.2808,
-4.4045

Harmonies

Analogous

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



29.2742, -10.8153, 18.0431



29.2736, -21.4015, 15.1759



29.2742, -26.2103, 6.8621

Triad

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



29.2742, -21.4019, 15.1760



29.2742, -7.4647, -44.6776



29.2742, 34.0771, 9.5295

Complementary

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



29.2736, -21.4015, 15.1759



20.3340, 27.1490, -18.5641

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.



29.2742, 35.5234, -4.8832



29.2736, -21.4015, 15.1759



29.2742, 9.0021, -42.5244

Square

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



29.2742, -21.4019, 15.1760



29.2742, -19.4089, -30.3449



29.2742, 25.5550, -25.4687



29.2742, 21.9498, 16.2183

Rectangle

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



29.2736, -21.4015, 15.1759



29.2742, -26.3796, -3.1637



29.2742, 25.5550, -25.4687



29.2742, 35.9127, 5.6658

Sweetspot

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



29.2742, -21.4019, 15.1760



41.7388, -12.7783, 9.5361



32.4309, -7.4970, 17.6068



20.3454, -6.6218, 4.9184



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.



29.2742, -21.4019, 15.1760



37.7685, -30.5516, 21.5438



29.6685, -18.9410, 9.0088



16.9062, -2.6869, 2.1496



34.1228, -29.1765, 20.5155



78.8463, -67.5333, 47.4025

Inverse Universe

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



20.3340, 27.1490, -18.5641



24.5862, 41.8489, -28.8333



19.3056, 22.5923, -2.4154



16.2073, 0.9949, -0.4043



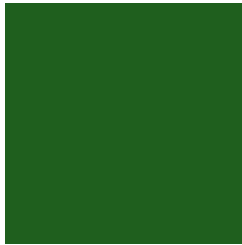
21.2601, 41.9319, -29.0786



49.1011, 96.8633, -67.3112

Previews

White Background



This preview shows how the HunterLab color 29.2736, -21.4015, 15.1759 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

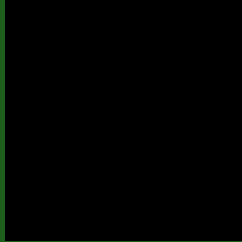
Any Text WCAG AA × Fail

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 29.2736, -21.4015, 15.1759 Background



This preview shows how black text looks on a background with the HunterLab color 29.2736, -21.4015, 15.1759.



This preview shows how white text looks on a background with the HunterLab color 29.2736,

-21.4015, 15.1759.

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

29.2736, -21.4015, 15.1759

Protanopia

29.2249, -4.0847, 15.8331

Deuteranopia

28.9844, 1.7620, 14.4767



Tritanopia

29.3559, -9.4009, -4.4263

Trichromacy



Original Color

29.2736, -21.4015, 15.1759

Protanomaly

28.6397, -11.8289, 15.1662

Deuteranomaly

28.2713, -8.8165, 14.0924

Tritanomaly

29.0556, -14.8125, 5.1341

Monochromacy



Original Color

29.2736, -21.4015, 15.1759

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

25.5487, -10.0158, 7.4684

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.2736, -21.4015, 15.1759 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(31, 95, 30)` looks like.

```
.text, #text, p{  
    color:rgb(31, 95, 30)  
}
```

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(31, 95, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 95, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 29.2736, -21.4015, 15.1759 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(31, 95, 30) }
```


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

```
.border{ border-color:rgb(31, 95, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 95, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 95, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 95, 30);  
box-shadow:4px 4px 4px 4px rgb(31, 95, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.2736, -21.4015, 15.1759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 95, 30) }
```

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

```
.background{ background-color: rgb(31, 95,  
30) }
```

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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