

Converting Colors

HunterLab(36.9270, -29.7434,
18.2462)

Have a look what the booklet for
HunterLab(36.9270, -29.7434,
18.2462) contains.

HunterLab(36.9260, -29.7425, 18.2467)	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(36.9260,
-29.7425, 18.2467)**

Conversions

Conversions Part 1

Format	Color
Hex	02782D
RGB	2, 120, 45
RGB Percent	1%, 47%, 18%
CMY	0.9921, 0.5294, 0.8235
CMYK	0.98, 0.00, 0.62, 0.53
HSL	142°, 97%, 24%
HSV	142°, 98%, 47%
XYZ	7.2152, 13.6353, 4.7342
YIQ	76.1680, -46.2530, -48.3410

Conversions

Conversions Part 2

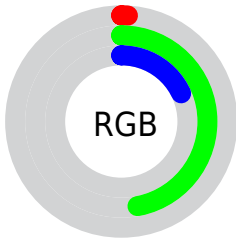
Format	Color
R_{YB}	2, 88, 120
Decimal	161837
CIE _{Lab}	43.71, -45.64, 32.61
CIE _{LCh}	44, 56.096, 144.453
Yxy	13.6359, 0.2820, 0.5329
Android (android.graphics.Color)	4278351917 (0xFF02782D)
YUV	76.1680, -15.3658, -65.0453
Hunter-Lab	36.9260, -29.7425, 18.2467

Details

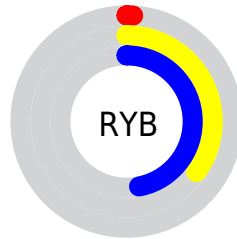
The HunterLab color **36.9260, -29.7425, 18.2467** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **21.3835, 38.6033, -5.6163**, and the grayscale version is **27.0096, -1.4412, 1.4675**.

A 20% lighter version of the original color is **56.7937, -36.5930, 23.5443**, and **20.9292, -17.9468, 12.5823** is the 20% darker color. If you saturate the color by 10%, you get **36.8962, -29.8985, 18.4253**, and if you desaturate by 10%, it is **37.1221, -28.7464, 17.0628**.

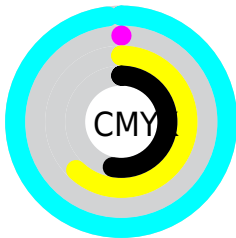
Distribution



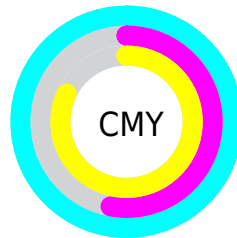
- Red (1%)
- Green (47%)
- Blue (18%)



- Red (1%)
- Yellow (35%)
- Blue (47%)



- Cyan (98%)
- Magenta (0%)
- Yellow (62%)
- Black (53%)



- Cyan (99%)
- Magenta (53%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.9260, -29.7425, 18.2467 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 36.9260, -29.7425, 18.2467 by changing the saturation by 10% instead.

■ 36.9260, -29.7425,
18.2467

■ 36.9260, -29.7425,
18.2467

146.6129,
-56.9669, 39.5146

■ 28.0497, -25.8927,
15.3304

■ 56.9574, -36.6653,
23.5572

■ 20.0262, -21.6475,
12.3086

■ 68.0058, -39.8568,
26.0288

■ 12.9593, -18.1609,
9.0715

■ 79.6885, -42.9183,
28.4128

■ 6.4054, -11.2094,
4.4838

■ 91.9728, -45.8748,
30.7269

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.8305,
-48.7448, 32.9847

0.0000, NaN, NaN

■ 118.2371,

0.0000, NaN, NaN

-51.5429, 35.1966

0.0000, NaN, NaN

132.1710,
-54.2806, 37.3710

36.9260, -29.7425,
18.2467

36.9260, -29.7425,
18.2467

36.8962, -29.8985,
18.4253

37.1221, -28.7464,
17.0628

37.3926, -27.4138,
15.7262

37.7644, -25.6463,
14.2643

38.2448, -23.4300,
12.6937

38.8386, -20.7662,
11.0329

■ 39.5483, -17.6693,
9.3014

■ 40.3749, -14.1638,
7.5189

■ 41.3175, -10.2818,
5.7048

■ 42.3740, -6.0604,
3.8768

Harmonies

Analogous

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



36.9268, -17.4466, 22.7977



36.9260, -29.7425, 18.2467



36.9268, -34.5413, 5.5820

Triad

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



36.9268, -29.7429, 18.2469



36.9268, -5.8493, -61.6202



36.9268, 43.2093, 14.7768

Complementary

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



36.9260, -29.7425, 18.2467



21.3835, 38.6033, -5.6163

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.



36.9268, 48.2893, -1.9588



36.9260, -29.7425, 18.2467



36.9268, 16.5623, -53.9727

Square

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



36.9268, -29.7429, 18.2469



36.9268, -22.8988, -45.8350



36.9268, 37.6215, -28.5822



36.9268, 24.9905, 21.7375

Rectangle

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



36.9260, -29.7425, 18.2467



36.9268, -33.8588, -9.0996



36.9268, 37.6215, -28.5822



36.9268, 46.6611, 10.4738

Sweetspot

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



36.9268, -29.7429, 18.2469



53.3841, -19.4554, 10.3004



38.8424, -22.3530, 23.4555



25.7971, -10.2778, 5.4178



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



36.9268, -29.7429, 18.2469



48.9065, -39.8039, 24.7963



37.9627, -23.3878, 3.2278



21.1468, -3.1952, 2.0076



38.5333, -31.2487, 19.2937



84.0693, -68.8084, 43.4584

Inverse Universe

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



21.3835, 38.6033, -5.6163



28.1450, 51.3907, -6.5538



20.2142, 34.3095, 11.1559



20.1343, 1.0729, 0.2532



22.1964, 40.5827, -5.5843



48.3048, 88.0106, -9.7714

Previews

White Background



This preview shows how the HunterLab color 36.9260, -29.7425, 18.2467 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 × Fail

Black Background



This preview shows how the HunterLab color 36.9260, -29.7425, 18.2467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 36.9260, -29.7425, 18.2467 Background



This preview shows how black text looks on a background with the HunterLab color 36.9260, -29.7425, 18.2467.



This preview shows how white text looks on a background with the HunterLab color 36.9260,

-29.7425, 18.2467.

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

36.9260, -29.7425, 18.2467

Protanopia

36.7404, -4.5202, 19.3205

Deuteranopia

36.7360, 2.4742, 17.4364



Tritanopia

36.9078, -13.6812, -7.0754

Trichromacy



Original Color

36.9260, -29.7425, 18.2467



Protanomaly

35.4405, -18.1490, 17.8560



Deuteranomaly

35.1051, -14.7149, 16.4664



Tritanomaly

36.5526, -21.4026, 4.9719

Monochromacy



Original Color

36.9260, -29.7425, 18.2467



Achromatopsia

26.8834, -1.4344, 1.4606



Achromatomaly

29.4770, -14.9611, 7.8426

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.9260, -29.7425, 18.2467 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(2, 120, 45)` looks like.

```
.text, #text, p{  
    color:rgb(2, 120, 45)  
}
```

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(2, 120, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 120, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 36.9260, -29.7425, 18.2467 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(2, 120, 45) }
```


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

```
.border{ border-color:rgb(2, 120, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 120, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 120, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 120, 45);  
box-shadow:4px 4px 4px 4px rgb(2, 120, 45)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.9260, -29.7425, 18.2467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 120, 45) }
```

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

```
.background{ background-color: rgb(2, 120,  
45) }
```

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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