

Converting Colors

HunterLab(37.9148, -29.1583,
20.8253)

Have a look what the booklet for
HunterLab(37.9148, -29.1583,
20.8253) contains.

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Color

**HunterLab(37.9148,
-29.1583, 20.8253)**

Conversions

Conversions Part 1

Format	Color
Hex	237A1F
RGB	35, 122, 31
RGB Percent	14%, 48%, 12%
CMY	0.8627, 0.5216, 0.8784
CMYK	0.71, 0.00, 0.75, 0.52
HSL	117°, 59%, 30%
HSV	117°, 75%, 48%
XYZ	7.9000, 14.3753, 3.6547
YIQ	85.6130, -22.6410, -46.7450

Conversions

Conversions Part 2

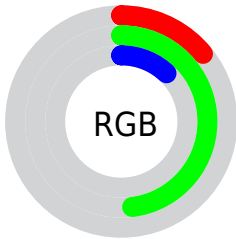
Format	Color
R_{YB}	31, 122, 118
Decimal	2325023
CIE Lab	44.77, -43.72, 40.25
CIE LCh	45, 59.429, 137.363
Yxy	14.3759, 0.3047, 0.5544
Android (android.graphics.Color)	4280515103 (0xFF237A1F)
YUV	85.6130, -26.9242, -44.3876
Hunter-Lab	37.9148, -29.1583, 20.8253

Details

The HunterLab color **37.9148, -29.1583, 20.8253** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **24.9745, 38.3096, -27.6533**, and the grayscale version is **30.4660, -1.6256, 1.6553**.

A 20% lighter version of the original color is **57.9493, -35.7108, 27.1182**, and **21.5284, -18.4606, 12.9425** is the 20% darker color. If you saturate the color by 10%, you get **37.6193, -30.5470, 21.6889**, and if you desaturate by 10%, it is **38.3301, -27.2307, 19.5765**.

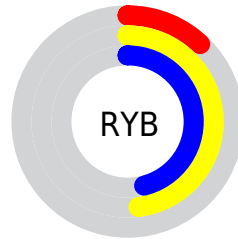
Distribution



Red (14%)

Green (48%)

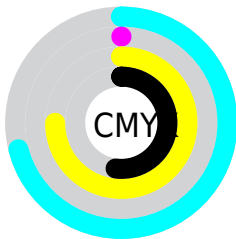
Blue (12%)



Red (12%)

Yellow (48%)

Blue (46%)

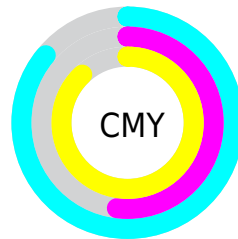


Cyan (71%)

Magenta (0%)

Yellow (75%)

Black (52%)



Cyan (86%)

Magenta (52%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.9148, -29.1583, 20.8253 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 37.9148, -29.1583, 20.8253 by changing the saturation by 10% instead.

■ 37.9148, -29.1583,
20.8253

■ 37.9148, -29.1583,
20.8253

148.1746,
-55.3142, 45.9787

■ 28.9527, -25.4976,
17.3220

■ 58.0987, -35.7702,
27.1924

■ 20.8344, -21.4762,
14.0971

■ 69.2161, -38.8289,
30.1399

■ 13.6599, -17.5462,
9.5619

■ 80.9641, -41.7685,
32.9704

■ 7.2648, -12.7133,
5.0853

■ 93.3105, -44.6118,
35.7055

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.2275,
-47.3760, 38.3619

0.0000, NaN, NaN

■ 119.6911,

0.0000, NaN, NaN

-50.0745, 40.9528

0.0000, NaN, NaN

133.6798,
-52.7177, 43.4889

37.9148, -29.1583,
20.8253

37.9148, -29.1583,
20.8253

37.6193, -30.5470,
21.6889

38.3301, -27.2307,
19.5765

37.4298, -31.4375,
22.2134

38.8700, -24.7489,
17.9273

37.3554, -31.7943,
22.4616

39.5399, -21.7189,
15.8782

40.3416, -18.1626,
13.4419

41.2752, -14.1144,
10.6406

■ 42.3388, -9.6175,
7.5039

■ 43.5291, -4.7206,
4.0656

■ 44.8417, 0.5258,
0.3613

■ 46.2716, 6.0721,
-3.5732

Harmonies

Analogous

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



37.9156, -14.2268, 24.1798



37.9148, -29.1583, 20.8253



37.9156, -35.9890, 10.0924

Triad

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



37.9156, -29.1589, 20.8255



37.9156, -11.1369, -65.2245



37.9156, 49.4684, 12.5083

Complementary

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



37.9148, -29.1583, 20.8253



24.9745, 38.3096, -27.6533

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.



37.9156, 50.8567, -8.2264



37.9148, -29.1583, 20.8253



37.9156, 11.9459, -63.0962

Square

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



37.9156, -29.1589, 20.8255



37.9156, -27.3590, -43.1422



37.9156, 35.8615, -38.3776



37.9156, 32.4249, 21.6977

Rectangle

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



37.9148, -29.1583, 20.8253



37.9156, -36.4112, -3.6711



37.9156, 35.8615, -38.3776



37.9156, 51.9037, 7.0229

Sweetspot

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



37.9156, -29.1589, 20.8255



55.0221, -17.5401, 13.2922



41.3097, -8.8256, 23.4395



26.1760, -8.9607, 6.7548



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.



37.9156, -29.1589, 20.8255



49.6950, -41.4631, 29.3199



38.3122, -26.5442, 13.6677



21.1130, -3.4200, 2.7715



38.3275, -32.6284, 23.0460



83.6514, -71.5106, 50.2937

Inverse Universe

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



24.9745, 38.3096, -27.6533



30.8188, 57.7555, -42.3169



23.9014, 32.8815, -4.0327



20.1717, 1.3161, -0.6069



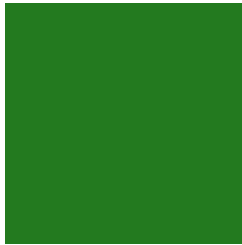
23.3111, 46.2670, -34.1309



50.8146, 100.9085, -74.8147

Previews

White Background



This preview shows how the HunterLab color 37.9148, -29.1583, 20.8253 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 37.9148, -29.1583, 20.8253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

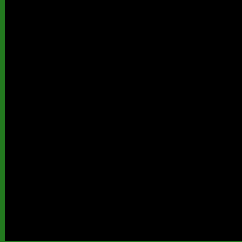
Any Text WCAG AA × Fail

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 37.9148, -29.1583, 20.8253 Background



This preview shows how black text looks on a background with the HunterLab color 37.9148, -29.1583, 20.8253.



This preview shows how white text looks on a background with the HunterLab color 37.9148, -29.1583, 20.8253.

-29.1583, 20.8253.

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

37.9148, -29.1583, 20.8253

Protanopia

37.7343, -5.3761, 21.5283

Deuteranopia

37.5404, 2.3001, 20.0020



Tritanopia

37.9807, -12.6261, -6.0700

Trichromacy



Original Color

37.9148, -29.1583, 20.8253

Protanomaly

37.0768, -16.6050, 20.7991

Deuteranomaly

36.5315, -12.5255, 19.4506

Tritanomaly

37.6359, -20.4645, 7.5945

Monochromacy



Original Color

37.9148, -29.1583, 20.8253

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

32.4196, -14.0087, 10.3053

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9148, -29.1583, 20.8253 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(35, 122, 31)` looks like.

```
.text, #text, p{  
    color:rgb(35, 122, 31)  
}
```

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(35, 122, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 122, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9148, -29.1583, 20.8253 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(35, 122, 31) }
```


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

```
.border{ border-color:rgb(35, 122, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 122, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 122, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 122, 31);  
box-shadow:4px 4px 4px 4px rgb(35, 122,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.9148, -29.1583, 20.8253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 122, 31) }
```

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

```
.background{ background-color: rgb(35, 122,  
31) }
```

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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