

Converting Colors

HunterLab(48.8217, -36.2130,
25.6768)

Have a look what the booklet for
HunterLab(48.8217, -36.2130,
25.6768) contains.

HunterLab(48.7631, -36.0753, 25.6079)	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(48.7631,
-36.0753, 25.6079)**

Conversions

Conversions Part 1

Format	Color
Hex	359933
RGB	53, 153, 51
RGB Percent	21%, 60%, 20%
CMY	0.7922, 0.4000, 0.8000
CMYK	0.65, 0.00, 0.67, 0.40
HSL	119°, 50%, 40%
HSV	119°, 67%, 60%
XYZ	13.4570, 23.7784, 7.0124
YIQ	111.4720, -26.8580, -52.9220

Conversions

Conversions Part 2

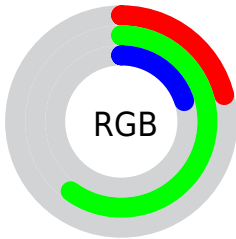
Format	Color
RYB	51, 153, 151
Decimal	3512627
CIELab	55.87, -49.17, 43.74
CIELCh	56, 65.804, 138.344
Yxy	23.7794, 0.3041, 0.5374
Android (android.graphics.Color)	4281702707 (0xFF359933)
YUV	111.4720, -29.8127, -51.2799
Hunter-Lab	48.7631, -36.0753, 25.6079

Details

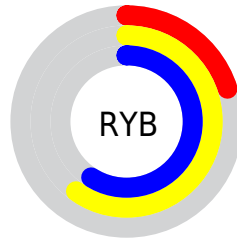
The HunterLab color **48.7631, -36.0753, 25.6079** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **33.5378, 46.1463, -31.8065**, and the grayscale version is **40.1695, -2.1433, 2.1825**.

A 20% lighter version of the original color is **70.3675, -42.8919, 32.0177**, and **30.5080, -26.1606, 18.3409** is the 20% darker color. If you saturate the color by 10%, you get **48.2919, -38.2890, 27.0668**, and if you desaturate by 10%, it is **49.4058, -33.1042, 23.6222**.

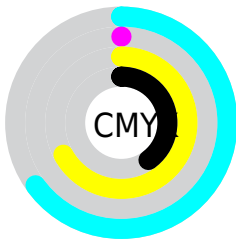
Distribution



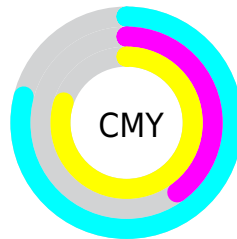
- Red (21%)
- Green (60%)
- Blue (20%)



- Red (20%)
- Yellow (60%)
- Blue (59%)



- Cyan (65%)
- Magenta (0%)
- Yellow (67%)
- Black (40%)



- Cyan (79%)
- Magenta (40%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7631, -36.0753, 25.6079 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 48.7631, -36.0753, 25.6079 by changing the saturation by 10% instead.

■ 48.7631, -36.0753,
25.6079

■ 48.7631, -36.0753,
25.6079

164.8342,
-63.8558, 51.5718

■ 38.9488, -32.3054,
22.1012

■ 70.4769, -43.0015,
32.0772

■ 29.8979, -28.2423,
18.3546

■ 82.2922, -46.2397,
35.1053

■ 21.6825, -23.7773,
15.0134

■ 94.7025, -49.3652,
38.0279

■ 14.3982, -19.3790,
10.0788

■ 107.6808,
-52.3976, 40.8629

■ 8.0587, -14.1027,
5.6411

■ 121.2030,
-55.3519, 43.6244

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 135.2482,

-58.2403, 46.3237

0.0000, NaN, NaN

149.7976,
-61.0723, 48.9703

0.0000, NaN, NaN

■ 48.7631, -36.0753,
25.6079

■ 48.7631, -36.0753,
25.6079

■ 48.2919, -38.2890,
27.0668

■ 49.4058, -33.1042,
23.6222

■ 47.9766, -39.7776,
28.0253

■ 50.2252, -29.3700,
21.1040

■ 47.7977, -40.6255,
28.5598

■ 51.2265, -24.8961,
18.0673

■ 47.7522, -40.8435,
28.7097

■ 52.4107, -19.7261,
14.5409

■ 53.7759, -13.9187,
10.5645

■ 55.3180, -7.5421,
6.1849

■ 57.0310, -0.6685,
1.4519

■ 58.9078, 6.6301,
-3.5845

■ 60.9402, 14.2853,
-8.8767

Harmonies

Analogous

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



48.7641, -18.1132, 30.2956



48.7631, -36.0753, 25.6079



48.7641, -44.2439, 11.7395

Triad

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



48.7641, -36.0760, 25.6081



48.7641, -12.8065, -76.4456



48.7641, 58.2103, 15.9478

Complementary

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



48.7631, -36.0753, 25.6079



33.5378, 46.1463, -31.8065

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.



48.7641, 60.5211, -8.6054



48.7631, -36.0753, 25.6079



48.7641, 15.1228, -72.9833

Square

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



48.7641, -36.0760, 25.6081



48.7641, -32.9335, -51.6549



48.7641, 43.3716, -43.8341



48.7641, 37.6205, 27.2254

Rectangle

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



48.7631, -36.0753, 25.6079



48.7641, -44.5749, -5.1990



48.7641, 43.3716, -43.8341



48.7641, 61.2949, 9.3859

Sweetspot

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



48.7641, -36.0760, 25.6081



71.2540, -21.6192, 16.1891



53.5704, -11.8521, 29.3355



33.2622, -11.0965, 8.2493



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



48.7641, -36.0760, 25.6081



64.3925, -52.3346, 36.9317



49.3767, -32.2183, 15.8065



26.3269, -4.4232, 3.5203



43.4132, -37.1219, 26.1011



5.3208, -4.4848, 3.2001

Inverse Universe

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



33.5378, 46.1463, -31.8065



41.6275, 71.9047, -49.9626



31.8885, 38.7501, -4.7232



25.1346, 1.8156, -0.8251



26.9479, 53.2026, -37.2647



3.3202, 6.5418, -4.4892

Previews

White Background



This preview shows how the HunterLab color 48.7631, -36.0753, 25.6079 looks on a white 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

Black Background



This preview shows how the HunterLab color 48.7631, -36.0753, 25.6079 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 48.7631, -36.0753, 25.6079 Background



This preview shows how black text looks on a background with the HunterLab color 48.7631, -36.0753, 25.6079.



This preview shows how white text looks on a background with the HunterLab color 48.7631, -36.0753, 25.6079.

-36.0753, 25.6079.

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

48.7631, -36.0753, 25.6079

Protanopia

48.3341, -6.0149, 26.5073

Deuteranopia

48.2154, 3.7098, 24.5182



Tritanopia

48.6557, -15.5779, -8.0794

Trichromacy



Original Color

48.7631, -36.0753, 25.6079

Protanomaly

47.4837, -19.7503, 25.4219

Deuteranomaly

47.1050, -14.7744, 23.8950

Tritanomaly

48.4292, -25.1504, 8.7977

Monochromacy



Original Color

48.7631, -36.0753, 25.6079

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

42.2098, -16.8598, 12.4387

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7631, -36.0753, 25.6079 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(53, 153, 51)` looks like.

```
.text, #text, p{  
    color:rgb(53, 153, 51)  
}
```

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(53, 153, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 153, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7631, -36.0753, 25.6079 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(53, 153, 51) }
```


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

```
.border{ border-color:rgb(53, 153, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 153, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 153, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 153, 51);  
box-shadow:4px 4px 4px 4px rgb(53, 153,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.7631, -36.0753, 25.6079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 153, 51) }
```

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

```
.background{ background-color: rgb(53, 153,  
51) }
```

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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