

Converting Colors

HunterLab(48.1793, -49.4222,
8.8848)

Have a look what the booklet for
HunterLab(48.1793, -49.4222,
8.8848) contains.

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Color

**HunterLab(51.3609,
-35.4382, 12.3043)**

Conversions

Conversions Part 1

Format	Color
Hex	00A073
RGB	0, 160, 115
RGB Percent	0%, 63%, 45%
CMY	0.9999, 0.3725, 0.5490
CMYK	1.00, 0.00, 0.28, 0.37
HSL	163°, 100%, 31%
HSV	163°, 100%, 63%
XYZ	15.6653, 26.3794, 20.4857
YIQ	107.0300, -80.9150, -47.9150

Conversions

Conversions Part 2

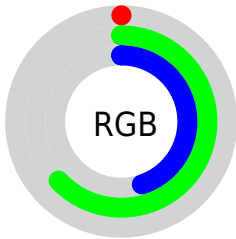
Format	Color
RYB	0, 93, 160
Decimal	41075
CIELab	58.40, -46.53, 13.67
CIELCh	58, 48.497, 163.633
Yxy	26.3805, 0.2505, 0.4219
Android (android.graphics.Color)	4278231155 (0xFF00A073)
YUV	107.0300, 3.9292, -93.8653
Hunter-Lab	51.3609, -35.4382, 12.3043

Details

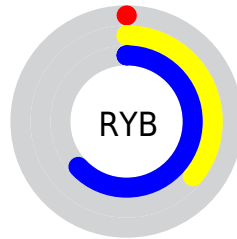
The HunterLab color **51.3609, -35.4382, 12.3043** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **27.6835, 48.0907, 12.5800**, and the grayscale version is **38.3654, -2.0471, 2.0845**.

A 20% lighter version of the original color is **73.5021, -42.0508, 15.0652**, and **33.0464, -23.9594, 10.4163** is the 20% darker color. If you saturate the color by 10%, you get **51.3617, -35.4395, 12.3059**, and if you desaturate by 10%, it is **51.5721, -34.3698, 10.9300**.

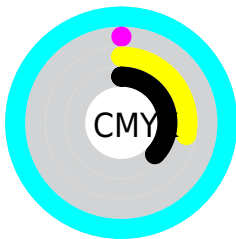
Distribution



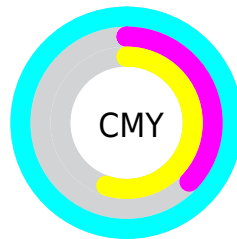
- Red (0%)
- Green (63%)
- Blue (45%)



- Red (0%)
- Yellow (36%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3609, -35.4382, 12.3043 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 51.3609, -35.4382, 12.3043 by changing the saturation by 10% instead.

■ 51.3609, -35.4382,
12.3043

■ 51.3609, -35.4382,
12.3043

168.7142,
-61.7780, 24.1903

■ 41.3624, -31.9155,
10.9477

■ 73.4085, -41.9496,
14.9593

■ 32.1121, -28.1400,
9.5538

■ 85.3771, -45.0090,
16.2725

■ 23.6775, -24.0203,
8.1011

■ 97.9336, -47.9698,
17.5831

■ 16.1467, -19.4148,
6.5521

■ 111.0516,
-50.8489, 18.8944

■ 9.6450, -16.8788,
6.4032

■ 124.7081,
-53.6598, 20.2090

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 138.8826,

-56.4128, 21.5289

0.0000, NaN, NaN

153.5567,
-59.1165, 22.8556

0.0000, NaN, NaN

■ 51.3609, -35.4382,
12.3043

■ 51.3609, -35.4382,
12.3043

■ 51.3617, -35.4395,
12.3059

■ 51.5721, -34.3698,
10.9300

■ 51.8702, -32.9398,
9.5880

■ 52.2906, -31.0180,
8.3252

■ 52.8456, -28.5709,
7.1652

■ 53.5437, -25.5855,
6.1283

■ 54.3905, -22.0658,
5.2305

■ 55.3890, -18.0301,
4.4844

■ 56.5398, -13.5077,
3.8983

■ 57.8419, -8.5364,
3.4769

Harmonies

Analogous

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



51.3619, -27.2762, 23.2470



51.3609, -35.4382, 12.3043



51.3619, -35.7947, -6.8819

Triad

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



51.3619, -35.4386, 12.3048



51.3619, 6.9112, -48.8280



51.3619, 29.1182, 22.5655

Complementary

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



51.3609, -35.4382, 12.3043



27.6835, 48.0907, 12.5800

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.



51.3619, 41.6020, 10.8936



51.3609, -35.4382, 12.3043



51.3619, 27.4835, -32.5532

Square

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



51.3619, -35.4386, 12.3048



51.3619, -13.4161, -47.9623



51.3619, 40.9606, -8.9715



51.3619, 8.8791, 27.3733

Rectangle

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



51.3609, -35.4382, 12.3043



51.3619, -31.6899, -22.7012



51.3619, 40.9606, -8.9715



51.3619, 34.4931, 19.5686

Sweetspot

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



51.3619, -35.4386, 12.3048



74.5497, -24.6328, 6.0957



50.7033, -40.6104, 30.5317



34.6546, -12.5712, 3.0310



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



51.3619, -35.4386, 12.3048



69.1818, -47.9129, 16.9590



41.5828, -13.8659, -22.0411



27.3453, -3.8435, 1.6290



45.3397, -31.2259, 10.7371



6.1183, -3.8371, 0.6358

Inverse Universe

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



27.6835, 48.0907, 12.5800



37.2609, 64.6527, 17.5479



29.4229, 40.0527, 18.8307



25.8366, 1.1160, 1.3276



24.4461, 42.4961, 10.9027



3.3694, 6.0500, 0.0075

Previews

White Background



This preview shows how the HunterLab color 51.3609, -35.4382, 12.3043 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 51.3609, -35.4382, 12.3043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

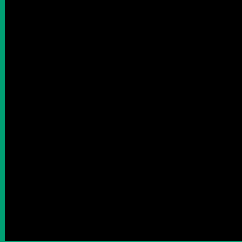
Any Text WCAG AA ✓ Pass

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 51.3609, -35.4382, 12.3043 Background



This preview shows how black text looks on a background with the HunterLab color 51.3609, -35.4382, 12.3043.



This preview shows how white text looks on a background with the HunterLab color 51.3609, -35.4382, 12.3043.

-35.4382, 12.3043.

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

51.3609, -35.4382, 12.3043

Protanopia

50.8672, -4.1777, 15.6934

Deuteranopia

50.8962, 3.7778, 10.3557



Tritanopia

51.2762, -21.0074, -10.4862

Trichromacy



Original Color

51.3609, -35.4382, 12.3043

Protanomaly

49.4009, -21.7253, 12.6960

Deuteranomaly

48.7869, -17.2079, 8.5509

Tritanomaly

51.2090, -27.5190, -0.8868

Monochromacy



Original Color

51.3609, -35.4382, 12.3043

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

41.5649, -18.3738, 4.2478

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3609, -35.4382, 12.3043 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(0, 160, 115)` looks like.

```
.text, #text, p{  
    color:rgb(0, 160, 115)  
}
```

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(0, 160, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 160, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3609, -35.4382, 12.3043 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(0, 160, 115) }
```


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

```
.border{ border-color:rgb(0, 160, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 160, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 160, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 160, 115);  
box-shadow:4px 4px 4px 4px rgb(0, 160,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3609, -35.4382, 12.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 160, 115) }
```

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

```
.background{ background-color: rgb(0, 160,  
115) }
```

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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