

Converting Colors

HunterLab(50.7153, -40.4882,
24.8796)

Have a look what the booklet for
HunterLab(50.7153, -40.4882,
24.8796) contains.

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Color

**HunterLab(50.5865,
-40.3685, 24.7794)**

Conversions

Conversions Part 1

Format	Color
Hex	0CA040
RGB	12, 160, 64
RGB Percent	5%, 63%, 25%
CMY	0.9529, 0.3725, 0.7490
CMYK	0.92, 0.00, 0.60, 0.37
HSL	141°, 86%, 34%
HSV	141°, 92%, 63%
XYZ	13.6478, 25.5899, 9.0705
YIQ	104.8040, -57.3920, -61.2320

Conversions

Conversions Part 2

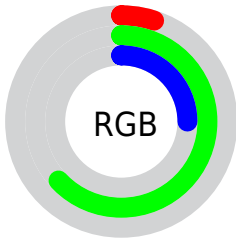
Format	Color
RYB	12, 122, 160
Decimal	827456
CIELab	57.65, -55.61, 39.63
CIELCh	58, 68.287, 144.529
Yxy	25.5910, 0.2825, 0.5297
Android (android.graphics.Color)	4279017536 (0xFF0CA040)
YUV	104.8040, -20.1164, -81.3891
Hunter-Lab	50.5865, -40.3685, 24.7794

Details

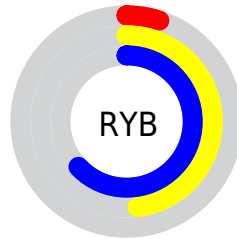
The HunterLab color $50.5865, -40.3685, 24.7794$ is a dark color, and the websafe version is hex 009933 . A complement of this color would be $29.6979, 52.2283, -9.1116$, and the grayscale version is $37.6012, -2.0063, 2.0429$.

A 20% lighter version of the original color is $72.5430, -48.0532, 30.6029$, and $32.4647, -27.5728, 18.9437$ is the 20% darker color. If you saturate the color by 10%, you get $50.4284, -41.2060, 25.9207$, and if you desaturate by 10%, it is $50.8813, -38.8784, 23.0442$.

Distribution



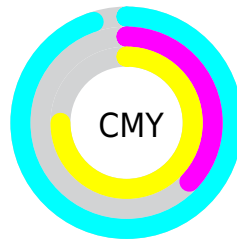
- Red (5%)
- Green (63%)
- Blue (25%)



- Red (5%)
- Yellow (48%)
- Blue (63%)



- Cyan (92%)
- Magenta (0%)
- Yellow (60%)
- Black (37%)



- Cyan (95%)
- Magenta (37%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.5865, -40.3685, 24.7794 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 50.5865, -40.3685, 24.7794 by changing the saturation by 10% instead.

■ 50.5865, -40.3685,
24.7794

■ 50.5865, -40.3685,
24.7794

167.5615,
-71.0284, 48.5966

■ 40.6422, -36.1785,
21.6074

■ 72.5358, -48.0538,
30.6566

■ 31.4506, -31.6620,
18.2241

■ 84.4591, -51.6388,
33.4207

■ 23.0803, -26.7050,
14.7123

■ 96.9725, -55.0933,
36.0966

■ 15.6217, -21.6336,
10.9352

■ 110.0493,
-58.4392, 38.6999

■ 9.2008, -16.1014,
6.4405

■ 123.6661,
-61.6933, 41.2426

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 137.8024,

-64.8692, 43.7345

0.0000, NaN, NaN

152.4397,
-67.9779, 46.1837

0.0000, NaN, NaN

■ 50.5865, -40.3685,
24.7794

■ 50.5865, -40.3685,
24.7794

■ 50.4284, -41.2060,
25.9207

■ 50.8813, -38.8784,
23.0442

■ 51.3130, -36.7819,
21.1022

■ 51.8962, -34.0420,
18.9755

■ 52.6401, -30.6472,
16.6897

■ 53.5506, -26.6087,
14.2731

■ 54.6301, -21.9555,
11.7553

■ 55.8786, -16.7303,
9.1659

■ 57.2940, -10.9857,
6.5333

■ 58.8722, -4.7794,
3.8834

Harmonies

Analogous

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



50.5875, -23.7037, 31.0603



50.5865, -40.3685, 24.7794



50.5875, -46.8738, 7.5243

Triad

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



50.5875, -40.3691, 24.7797



50.5875, -7.8756, -82.7842



50.5875, 58.1924, 20.1072

Complementary

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



50.5865, -40.3685, 24.7794



29.6979, 52.2283, -9.1116

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.



50.5875, 65.0831, -2.5323



50.5865, -40.3685, 24.7794



50.5875, 22.4068, -72.4576

Square

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



50.5875, -40.3691, 24.7797



50.5875, -30.9982, -61.6943



50.5875, 50.7705, -38.3563



50.5875, 33.6189, 29.6138

Rectangle

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



50.5865, -40.3685, 24.7794



50.5875, -45.9288, -12.3275



50.5875, 50.7705, -38.3563



50.5875, 62.8551, 14.2683

Sweetspot

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



50.5875, -40.3691, 24.7797



74.2506, -26.8855, 14.4680



53.2635, -30.0509, 31.9074



34.4653, -13.8882, 7.4353



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.



50.5875, -40.3691, 24.7797



67.9244, -55.6842, 35.3066



52.0097, -31.6556, 4.1686



27.2720, -4.2518, 2.6757



44.5160, -36.3136, 22.7496



6.0164, -4.4600, 2.1079

Inverse Universe

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



29.6979, 52.2283, -9.1116



39.1625, 71.5792, -9.6717



28.0242, 45.9966, 14.8393



25.9132, 1.5278, 0.2362



25.7012, 47.0634, -7.0297



3.5475, 6.6882, -2.4601

Previews

White Background



This preview shows how the HunterLab color 50.5865, -40.3685, 24.7794 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 50.5865, -40.3685, 24.7794 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 50.5865, -40.3685, 24.7794 Background



This preview shows how black text looks on a background with the HunterLab color 50.5865, -40.3685, 24.7794.



This preview shows how white text looks on a background with the HunterLab color 50.5865,

-40.3685, 24.7794.

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

50.5865, -40.3685, 24.7794

Protanopia

50.2441, -6.3444, 26.2813

Deuteranopia

50.1353, 3.5801, 23.7054



Tritanopia

50.5087, -19.3270, -9.3404

Trichromacy



Original Color

50.5865, -40.3685, 24.7794



Protanomaly

48.6917, -24.4515, 24.3701



Deuteranomaly

48.1876, -19.7654, 22.4195



Tritanomaly

50.1751, -29.4498, 7.0777

Monochromacy



Original Color

50.5865, -40.3685, 24.7794



Achromatopsia

37.5850, -2.0054, 2.0421



Achromatomaly

40.9207, -20.2361, 10.8458

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.5865, -40.3685, 24.7794 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(12, 160, 64)` looks like.

```
.text, #text, p{  
    color:rgb(12, 160, 64)  
}
```

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(12, 160, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 160, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 50.5865, -40.3685, 24.7794 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(12, 160, 64) }
```


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

```
.border{ border-color:rgb(12, 160, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 160, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 160, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 160, 64);  
box-shadow:4px 4px 4px 4px rgb(12, 160,  
64) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.5865, -40.3685, 24.7794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 160, 64) }
```

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

```
.background{ background-color: rgb(12, 160,  
64) }
```

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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