

Converting Colors

HunterLab(21.9197, -32.6879,
0.4044)

Have a look what the booklet for
HunterLab(21.9197, -32.6879,
0.4044) contains.

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Color

**HunterLab(25.5840,
-16.9304, 4.5701)**

Conversions

Conversions Part 1

Format	Color
Hex	00533F
RGB	0, 83, 63
RGB Percent	0%, 33%, 25%
CMY	1.0000, 0.6745, 0.7529
CMYK	1.00, 0.00, 0.24, 0.67
HSL	166°, 100%, 16%
HSV	166°, 100%, 33%
XYZ	3.9905, 6.5454, 5.7557
YIQ	55.9030, -43.0480, -23.8160

Conversions

Conversions Part 2

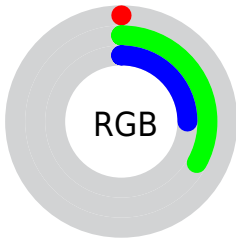
Format	Color
RYB	0, 47, 83
Decimal	21311
CIELab	30.75, -27.72, 5.54
CIELCh	31, 28.272, 168.697
Yxy	6.5457, 0.2449, 0.4018
Android (android.graphics.Color)	4278211391 (0xFF00533F)
YUV	55.9030, 3.4988, -49.0269
Hunter-Lab	25.5840, -16.9304, 4.5701

Details

The HunterLab color **25.5840, -16.9304, 4.5701** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **13.7465, 23.9073, 6.0337**, and the grayscale version is **19.8529, -1.0593, 1.0786**.

A 20% lighter version of the original color is **43.6036, -21.5690, 6.0416**, and **12.0015, -8.6808, 3.7384** is the 20% darker color. If you saturate the color by 10%, you get **25.5844, -16.9309, 4.5706**, and if you desaturate by 10%, it is **25.7332, -16.2362, 4.0496**.

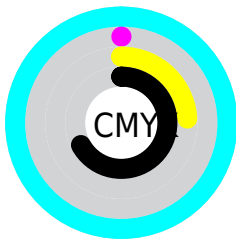
Distribution



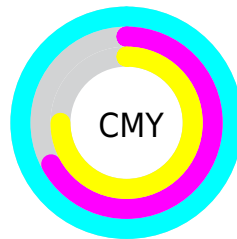
- Red (0%)
- Green (33%)
- Blue (25%)



- Red (0%)
- Yellow (18%)
- Blue (33%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (67%)



- Cyan (100%)
- Magenta (67%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.5840, -16.9304, 4.5701 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 25.5840, -16.9304, 4.5701 by changing the saturation by 10% instead.

■ 25.5840, -16.9304,
4.5701

■ 25.5840, -16.9304,
4.5701

127.9974,
-36.0597, 12.6576

■ 17.8315, -14.2191,
3.7345

■ 43.6500, -21.7428,
6.2537

■ 11.0735, -12.0555,
2.8881

■ 53.8177, -23.9601,
7.1140

■ 2.8803, -5.0405,
2.0162

■ 64.6715, -26.0947,
7.9909

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 76.1702, -28.1665,
8.8858

0.0000, NaN, NaN

■ 88.2798, -30.1895,
9.7995

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.9706,

-32.1744, 10.7326

0.0000, NaN, NaN

■ 114.2173,
-34.1290, 11.6853

■ 25.5840, -16.9304,
4.5701

■ 25.5840, -16.9304,
4.5701

■ 25.5844, -16.9309,
4.5706

■ 25.7332, -16.2362,
4.0496

■ 25.8990, -15.4754,
3.5309

■ 26.1188, -14.5020,
3.0591

■ 26.3978, -13.3025,
2.6436

■ 26.7389, -11.8743,
2.2910

■ 27.1439, -10.2208,
2.0064

■ 27.6139, -8.3500,
1.7934

■ 28.1490, -6.2741,
1.6541

■ 28.7487, -4.0079,
1.5891

Harmonies

Analogous

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



25.5845, -13.6958, 10.4133



25.5840, -16.9304, 4.5701



25.5845, -16.4746, -4.8286

Triad

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



25.5845, -16.9306, 4.5704



25.5845, 4.7576, -21.1459



25.5845, 11.8440, 11.3108

Complementary

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



25.5840, -16.9304, 4.5701



13.7465, 23.9073, 6.0337

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.



25.5845, 18.3416, 6.3610



25.5840, -16.9304, 4.5701



25.5845, 13.8561, -12.9399

Square

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



25.5845, -16.9306, 4.5704



25.5845, -4.8500, -22.1845



25.5845, 19.1274, -2.2535



25.5845, 2.3139, 13.2456

Rectangle

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



25.5840, -16.9304, 4.5701



25.5845, -14.1214, -12.0304



25.5845, 19.1274, -2.2535



25.5845, 14.5113, 10.0499

Sweetspot

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



25.5845, -16.9306, 4.5704



35.9703, -11.1566, 2.3642



25.1863, -19.9977, 15.1693



17.7829, -5.8312, 1.2028



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



25.5845, -16.9306, 4.5704



33.3687, -22.2109, 6.2390



20.2418, -6.3419, -11.6095



14.5334, -1.8657, 0.7995



32.5291, -21.6413, 6.0587



78.0264, -52.5419, 15.8967

Inverse Universe

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



13.7465, 23.9073, 6.0337



17.9046, 31.0739, 8.3775



15.3831, 17.5344, 9.7855



13.8243, 0.3978, 0.7682



17.4560, 30.3008, 8.1255



41.7719, 72.2172, 21.7083

Previews

White Background



This preview shows how the HunterLab color 25.5840, -16.9304, 4.5701 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.5840, -16.9304, 4.5701 Background



This preview shows how black text looks on a background with the HunterLab color 25.5840, -16.9304, 4.5701.



This preview shows how white text looks on a background with the HunterLab color 25.5840,

-16.9304, 4.5701.

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

25.5840, -16.9304, 4.5701

Protanopia

25.5304, -1.7377, 6.4050

Deuteranopia

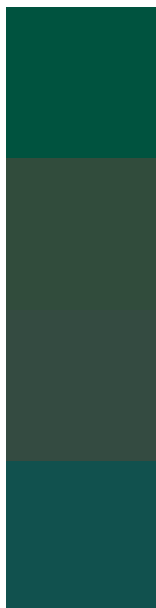
25.6271, 1.4939, 3.8928



Tritanopia

25.7465, -10.5691, -4.5946

Trichromacy



Original Color

25.5840, -16.9304, 4.5701

Protanomaly

24.7954, -9.7968, 4.8851

Deuteranomaly

24.7868, -8.1881, 3.1678

Tritanomaly

25.6010, -13.0860, -1.1465

Monochromacy



Original Color

25.5840, -16.9304, 4.5701

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

21.4179, -8.6019, 1.5929

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.5840, -16.9304, 4.5701 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, 83, 63)` looks like.

```
.text, #text, p{  
    color:rgb(0, 83, 63)  
}
```

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, 83, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 83, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 25.5840, -16.9304, 4.5701 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, 83, 63) }
```


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

```
.border{ border-color:rgb(0, 83, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 83, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 83, 63); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 83, 63); box-shadow:4px  
4px 4px 4px rgb(0, 83, 63) }
```

Background

The CSS property to change the background color of an element to HunterLab 25.5840, -16.9304, 4.5701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 83, 63) }
```

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

```
.background{ background-color: rgb(0, 83,  
63) }
```

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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