

Converting Colors

HunterLab(50.0177, -17.5411,
-24.6516)

Have a look what the booklet for
HunterLab(50.0177, -17.5411,
-24.6516) contains.

HunterLab(50.0400, -17.6171, -24.5155)	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(50.0400,
-17.6171, -24.5155)**

Conversions

Conversions Part 1

Format	Color
Hex	0095BA
RGB	0, 149, 186
RGB Percent	0%, 58%, 73%
CMY	0.9999, 0.4157, 0.2706
CMYK	1.00, 0.20, 0.00, 0.27
HSL	192°, 100%, 36%
HSV	192°, 100%, 73%
XYZ	19.6103, 25.0400, 50.2540
YIQ	108.6670, -100.6810, -20.0810

Conversions

Conversions Part 2

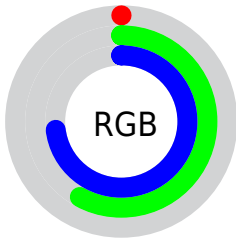
Format	Color
RYB	0, 83, 186
Decimal	38330
CIELab	57.12, -19.70, -28.50
CIELCh	57, 34.645, 235.352
Yxy	25.0409, 0.2066, 0.2638
Android (android.graphics.Color)	4278228410 (0xFF0095BA)
YUV	108.6670, 38.1252, -95.3010
Hunter-Lab	50.0400, -17.6171, -24.5155

Details

The HunterLab color **50.0400, -17.6171, -24.5155** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **34.2996, 48.8088, 21.9879**, and the grayscale version is **38.8701, -2.0740, 2.1119**.

A 20% lighter version of the original color is **71.8397, -20.8484, -25.4273**, and **32.2937, -8.9710, -20.9984** is the 20% darker color. If you saturate the color by 10%, you get **50.0384, -17.6146, -24.5188**, and if you desaturate by 10%, it is **51.3470, -18.7066, -22.3287**.

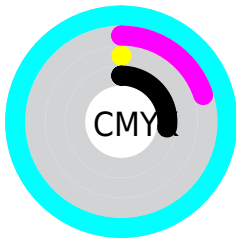
Distribution



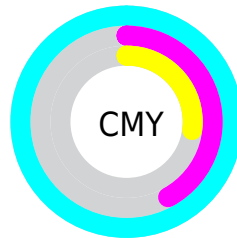
- Red (0%)
- Green (58%)
- Blue (73%)



- Red (0%)
- Yellow (33%)
- Blue (73%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0400, -17.6171, -24.5155 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 50.0400, -17.6171, -24.5155 by changing the saturation by 10% instead.

■ 50.0400, -17.6171,
-24.5155

■ 50.0400, -17.6171,
-24.5155

166.7458,
-32.0221, -27.0796

■ 40.1342, -15.8883,
-23.9706

■ 71.9191, -20.9380,
-25.4619

■ 30.9843, -14.0886,
-23.4041

■ 83.8103, -22.5549,
-25.8534

■ 22.6600, -12.1843,
-22.8680

■ 96.2930, -24.1533,
-26.1889

■ 15.2530, -10.1172,
-22.5016

■ 109.3404,
-25.7387, -26.4695

■ 8.8752, -10.1445,
-22.8261

■ 122.9291,
-27.3153, -26.6970

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 137.0383,

-28.8864, -26.8731

0.0000, NaN, NaN

151.6494,
-30.4547, -27.0000

0.0000, NaN, NaN

■ 50.0400, -17.6171,
-24.5155

■ 50.0400, -17.6171,
-24.5155

■ 50.0384, -17.6146,
-24.5188

■ 51.3470, -18.7066,
-22.3287

■ 52.7781, -19.3403,
-20.0035

■ 54.3680, -19.3894,
-17.4986

■ 56.1243, -18.8298,
-14.8213

■ 58.0491, -17.6628,
-11.9874

■ 60.1412, -15.9079,
-9.0171

■ 62.3964, -13.5966,
-5.9317

■ 64.8091, -10.7679,
-2.7522

■ 67.3723, -7.4649,
0.5019

Harmonies

Analogous

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



50.0409, -25.5447, -10.0752



50.0400, -17.6171, -24.5155



50.0409, -4.9213, -31.7588

Triad

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



50.0409, -17.6168, -24.5146



50.0409, 28.4034, 0.5173



50.0409, -14.1059, 21.3103

Complementary

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



50.0400, -17.6171, -24.5155



34.2996, 48.8088, 21.9879

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.



50.0409, -0.3837, 22.6630



50.0400, -17.6171, -24.5155



50.0409, 25.2265, 12.8389

Square

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



50.0409, -17.6168, -24.5146



50.0409, 22.5067, -14.9078



50.0409, 14.2610, 20.0545



50.0409, -23.6861, 15.6236

Rectangle

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



50.0400, -17.6171, -24.5155



50.0409, 4.9579, -30.3683



50.0409, 14.2610, 20.0545



50.0409, -9.8719, 22.2025

Sweetspot

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



50.0409, -17.6168, -24.5146



83.8429, -18.4832, -8.2035



59.3588, -50.2000, 34.1763



38.7312, -9.3266, -4.6824



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



50.0409, -17.6168, -24.5146



67.1065, -23.3590, -33.4519



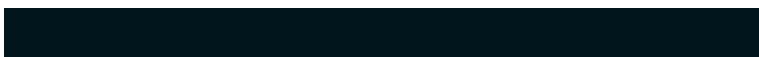
25.8179, 26.8852, -90.3025



31.4624, -3.3697, 0.3336



41.1726, -14.6248, -19.8913



8.2219, -3.3995, -2.9381

Inverse Universe

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



35.5105, 66.9178, -24.4226



47.7692, 89.9647, -32.3767



50.6428, 9.5514, 31.3719



30.2180, 2.0677, -0.3109



29.1438, 54.9553, -20.2805



5.5438, 10.5718, -4.7729

Previews

White Background



This preview shows how the HunterLab color 50.0400, -17.6171, -24.5155 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 50.0400, -17.6171, -24.5155 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 50.0400, -17.6171, -24.5155 Background



This preview shows how black text looks on a background with the HunterLab color 50.0400, -17.6171, -24.5155.



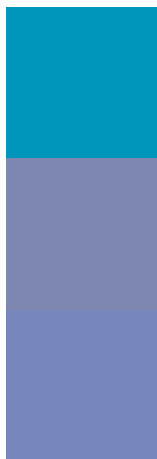
This preview shows how white text looks on a background with the HunterLab color 50.0400, -17.6171, -24.5155.

-17.6171, -24.5155.

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

50.0400, -17.6171, -24.5155

Protanopia

49.8585, 2.2724, -17.4671

Deuteranopia

49.9239, 3.6531, -26.3494



Tritanopia

50.1366, -23.9067, -11.0587

Trichromacy



Original Color

50.0400, -17.6171, -24.5155

Protanomaly

48.6994, -8.9004, -22.0699

Deuteranomaly

48.9117, -7.3673, -27.6619

Tritanomaly

50.1117, -21.7512, -15.6806

Monochromacy



Original Color

50.0400, -17.6171, -24.5155

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

41.8170, -12.6629, -8.0102

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0400, -17.6171, -24.5155 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, 149, 186)` looks like.

```
.text, #text, p{  
    color:rgb(0, 149, 186)  
}
```

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, 149, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 149, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0400, -17.6171, -24.5155 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, 149, 186) }
```


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

```
.border{ border-color:rgb(0, 149, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 149, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 149, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 149, 186);  
box-shadow:4px 4px 4px 4px rgb(0, 149,  
186) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0400, -17.6171, -24.5155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 149, 186) }
```

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

```
.background{ background-color: rgb(0, 149,  
186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor