

Converting Colors

HunterLab(45.9888, -50.1904,
-38.6197)

Have a look what the booklet for
HunterLab(45.9888, -50.1904,
-38.6197) contains.

HunterLab(53.2436, -19.5399, -24.3687)	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(53.2436,
-19.5399, -24.3687)**

Conversions

Conversions Part 1

Format	Color
Hex	009EC2
RGB	0, 158, 194
RGB Percent	0%, 62%, 76%
CMY	0.9998, 0.3804, 0.2392
CMYK	1.00, 0.19, 0.00, 0.24
HSL	191°, 100%, 38%
HSV	191°, 100%, 76%
XYZ	21.9645, 28.3488, 55.3532
YIQ	114.8620, -105.7240, -22.3000

Conversions

Conversions Part 2

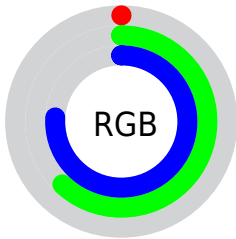
Format	Color
RYB	0, 87, 194
Decimal	40642
CIELab	60.20, -21.63, -28.24
CIELCh	60, 35.568, 232.549
Yxy	28.3498, 0.2079, 0.2683
Android (android.graphics.Color)	4278230722 (0xFF009EC2)
YUV	114.8620, 39.0150, -100.7340
Hunter-Lab	53.2436, -19.5399, -24.3687

Details

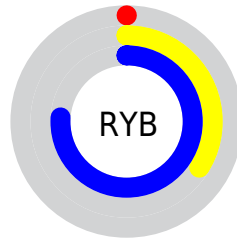
The HunterLab color **53.2436, -19.5399, -24.3687** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **35.6846, 52.0055, 22.8971**, and the grayscale version is **41.2416, -2.2005, 2.2407**.

A 20% lighter version of the original color is **75.5978, -23.1060, -25.4005**, and **34.9307, -10.6015, -20.7746** is the 20% darker color. If you saturate the color by 10%, you get **53.2417, -19.5371, -24.3725**, and if you desaturate by 10%, it is **54.5335, -20.5898, -22.2486**.

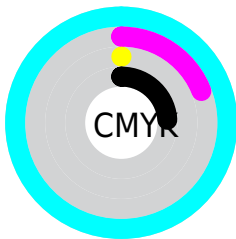
Distribution



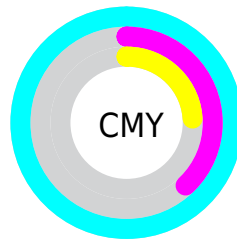
- Red (0%)
- Green (62%)
- Blue (76%)



- Red (0%)
- Yellow (34%)
- Blue (76%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (38%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.2436, -19.5399, -24.3687 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 53.2436, -19.5399, -24.3687 by changing the saturation by 10% instead.

■ 53.2436, -19.5399,
-24.3687

■ 53.2436, -19.5399,
-24.3687

171.5035,
-34.7267, -26.7251

■ 43.1156, -17.7070,
-23.8411

■ 75.5264, -23.0568,
-25.2693

■ 33.7254, -15.7991,
-23.2816

■ 87.6034, -24.7661,
-25.6365

■ 25.1376, -13.7834,
-22.7279

■ 100.2632,
-26.4536, -25.9477

■ 17.4356, -11.6052,
-22.2785

■ 113.4801,
-28.1250, -26.2045

■ 10.7362, -9.7165,
-22.2258

■ 127.2317,
-29.7849, -26.4086

■ 1.5008, -2.6264,
-94.2587

141.4977,

0.0000, NaN, -NF

-31.4366, -26.5620

0.0000, NaN, NaN

156.2604,
-33.0831, -26.6669

0.0000, NaN, NaN

■ 53.2436, -19.5399,
-24.3687

■ 53.2436, -19.5399,
-24.3687

■ 53.2417, -19.5371,
-24.3725

■ 54.5335, -20.5898,
-22.2486

■ 55.9528, -21.1601,
-19.9764

■ 57.5370, -21.1194,
-17.5103

■ 59.2952, -20.4392,
-14.8555

■ 61.2305, -19.1181,
-12.0268

■ 63.3422, -17.1743,
-9.0439

■ 65.6268, -14.6394,
-5.9287

■ 68.0786, -11.5535,
-2.7032

■ 70.6909, -7.9615,
0.6120

Harmonies

Analogous

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



53.2445, -27.3264, -8.9565



53.2436, -19.5399, -24.3687



53.2445, -6.5963, -32.8774

Triad

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



53.2445, -19.5396, -24.3678



53.2445, 29.4907, -0.8506



53.2445, -13.6364, 22.7714

Complementary

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



53.2436, -19.5399, -24.3687



35.6846, 52.0055, 22.8971

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.



53.2445, 1.0155, 23.8132



53.2436, -19.5399, -24.3687



53.2445, 27.0598, 12.5304

Square

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



53.2445, -19.5396, -24.3678



53.2445, 22.5134, -17.0251



53.2445, 16.2020, 20.6384



53.2445, -24.1955, 17.2325

Rectangle

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



53.2436, -19.5399, -24.3687



53.2445, 3.6834, -32.1860



53.2445, 16.2020, 20.6384



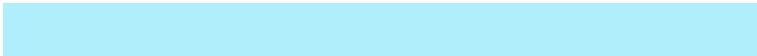
53.2445, -9.0711, 23.5811

Sweetspot

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



53.2445, -19.5396, -24.3678



88.1754, -19.8926, -8.1926



62.2168, -52.6328, 35.8559



40.6330, -10.0323, -4.6856

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.2445, -19.5396, -24.3678



71.4175, -25.9649, -33.2148



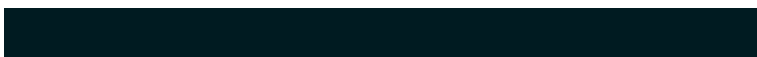
26.9861, 28.3903, -95.0110



33.3171, -3.6332, 0.3841



43.2997, -16.0154, -19.5481



9.4572, -3.9327, -3.3311

Inverse Universe

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



37.3351, 70.5431, -27.1306



50.2157, 94.8306, -36.0373



53.0379, 10.0978, 32.8571



31.9600, 2.2362, -0.3967



30.2901, 57.2677, -22.2475



6.3634, 12.1409, -5.5260

Previews

White Background



This preview shows how the HunterLab color 53.2436, -19.5399, -24.3687 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 53.2436, -19.5399, -24.3687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

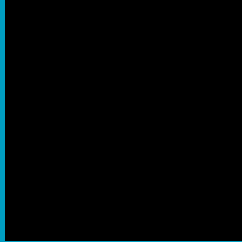
Any Text WCAG AA ✓ Pass

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 53.2436, -19.5399, -24.3687 Background



This preview shows how black text looks on a background with the HunterLab color 53.2436, -19.5399, -24.3687.



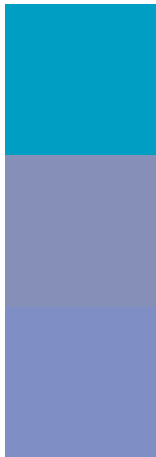
This preview shows how white text looks on a background with the HunterLab color 53.2436, -19.5399, -24.3687.

-19.5399, -24.3687.

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

53.2436, -19.5399, -24.3687

Protanopia

53.0398, 2.0888, -17.3596

Deuteranopia

52.9268, 4.4012, -27.1591



Tritanopia

53.3918, -25.6097, -11.4511

Trichromacy



Original Color

53.2436, -19.5399, -24.3687

Protanomaly

51.6710, -9.9131, -22.2800

Deuteranomaly

51.9234, -8.1490, -28.4654

Tritanomaly

53.3646, -23.4416, -16.0975

Monochromacy



Original Color

53.2436, -19.5399, -24.3687

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

44.3426, -13.6027, -8.1942

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.2436, -19.5399, -24.3687 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, 158, 194)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 194)  
}
```

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, 158, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 194) }
```

Border

The CSS property to change the border of an element to HunterLab 53.2436, -19.5399, -24.3687 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, 158, 194) }
```


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

```
.border{ border-color:rgb(0, 158, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 158, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 194);  
box-shadow:4px 4px 4px 4px rgb(0, 158,  
194) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.2436, -19.5399, -24.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 158, 194) }
```

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

```
.background{ background-color: rgb(0, 158,  
194) }
```

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