

Converting Colors

HunterLab(56.3200, -16.3667,
-29.4022)

Have a look what the booklet for
HunterLab(56.3200, -16.3667,
-29.4022) contains.

HunterLab(56.3340, -16.4836, -29.0626)	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(56.3340,
-16.4836, -29.0626)**

Conversions

Conversions Part 1

Format	Color
Hex	2EA4D1
RGB	46, 164, 209
RGB Percent	18%, 64%, 82%
CMY	0.8196, 0.3569, 0.1804
CMYK	0.78, 0.22, 0.00, 0.18
HSL	197°, 64%, 50%
HSV	197°, 78%, 82%
XYZ	25.9108, 31.7352, 65.0814
YIQ	133.8480, -84.7730, -11.0210

Conversions

Conversions Part 2

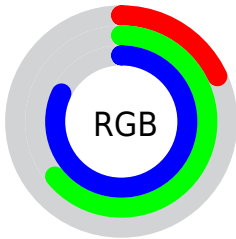
Format	Color
R_{YB}	46, 114, 209
Decimal	3056849
CIE _{Lab}	63.12, -16.85, -32.05
CIE _{LCh}	63, 36.209, 242.275
Yxy	31.7363, 0.2111, 0.2586
Android (android.graphics.Color)	4281246929 (0xFF2EA4D1)
YUV	133.8480, 37.0499, -77.0427
Hunter-Lab	56.3340, -16.4836, -29.0626

Details

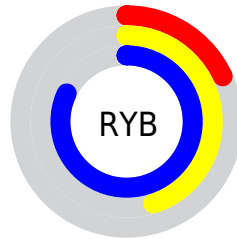
The HunterLab color **56.3340, -16.4836, -29.0626** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **46.0836, 37.6094, 25.7277**, and the grayscale version is **48.6500, -2.5958, 2.6432**.

A 20% lighter version of the original color is **78.5270, -22.1359, -23.4309**, and **37.3114, -9.6713, -25.7586** is the 20% darker color. If you saturate the color by 10%, you get **54.1706, -15.1255, -32.9081**, and if you desaturate by 10%, it is **58.7008, -17.1280, -25.0563**.

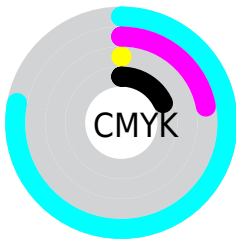
Distribution



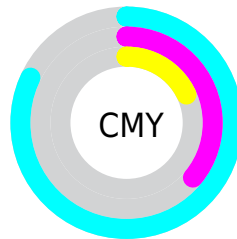
- Red (18%)
- Green (64%)
- Blue (82%)



- Red (18%)
- Yellow (45%)
- Blue (82%)



- Cyan (78%)
- Magenta (22%)
- Yellow (0%)
- Black (18%)



- Cyan (82%)
- Magenta (36%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.3340, -16.4836, -29.0626 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 56.3340, -16.4836, -29.0626 by changing the saturation by 10% instead.

■ 56.3340, -16.4836,
-29.0626

■ 56.3340, -16.4836,
-29.0626

176.0444,
-29.6334, -32.1644

■ 46.0002, -14.9598,
-28.4765

■ 78.9921, -19.4538,
-30.1086

■ 36.3884, -13.3945,
-27.8751

■ 91.2421, -20.9167,
-30.5566

■ 27.5587, -11.7668,
-27.3054

■ 104.0672,
-22.3717, -30.9517

■ 19.5877, -10.0433,
-26.8803

■ 117.4425,
-23.8226, -31.2942

■ 12.5805, -8.1628,
-26.9061

■ 131.3463,
-25.2722, -31.5853

■ 5.8812, -10.2921,
-33.6078

145.7591,

0.0000, NaN, -NF

-26.7227, -31.8262

0.0000, NaN, -NF

160.6638,
-28.1759, -32.0187

0.0000, NaN, NaN

■ 56.3340, -16.4836,
-29.0626

■ 56.3340, -16.4836,
-29.0626

■ 54.1706, -15.1255,
-32.9081

■ 58.7008, -17.1280,
-25.0563

■ 52.1894, -13.1284,
-36.6003

■ 61.2704, -17.0523,
-20.9163

■ 51.8005, -12.6925,
-37.3467

■ 64.0403, -16.2772,
-16.6712

■ 67.0035, -14.8414,
-12.3504

■ 70.1509, -12.7934,
-7.9804

■ 73.4723, -10.1864,
-3.5833

■ 76.9572, -7.0739,
0.8229

■ 80.5952, -3.5076,
5.2248

■ 84.3761, 0.4644,
9.6126

Harmonies

Analogous

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



56.3350, -26.5060, -14.6920



56.3340, -16.4836, -29.0626



56.3350, -1.7954, -34.2216

Triad

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



56.3350, -16.4833, -29.0615



56.3350, 30.7499, 4.2039



56.3350, -18.3602, 22.4671

Complementary

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



56.3340, -16.4836, -29.0626



46.0836, 37.6094, 25.7277

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.



56.3350, -4.2123, 25.0064



56.3340, -16.4836, -29.0626



56.3350, 25.1090, 16.4417

Square

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



56.3350, -16.4833, -29.0615



56.3350, 26.5497, -12.1378



56.3350, 11.8645, 23.1493



56.3350, -27.5026, 14.9436

Rectangle

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



56.3340, -16.4836, -29.0626



56.3350, 9.0007, -30.8516



56.3350, 11.8645, 23.1493



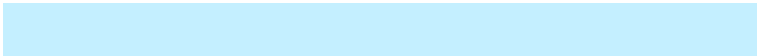
56.3350, -14.0898, 23.8209

Sweetspot

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



56.3350, -16.4833, -29.0615



89.7904, -14.5638, -7.3975



68.4922, -52.7501, 33.0086



40.8454, -7.2662, -4.3526

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.3350, -16.4833, -29.0615



66.0627, -17.2272, -44.5027



33.9589, 23.6737, -83.9789



35.8220, -3.5359, 0.0915



40.8862, -10.2768, -28.9196



10.3146, -3.3520, -5.6565

Inverse Universe

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



42.6507, 67.5447, -21.3617



50.2758, 91.6011, -24.0734



65.4732, -1.8578, 37.9699



34.5703, 2.3186, -0.0665



31.2391, 57.9828, -14.5791



7.4746, 14.0230, -4.6470

Previews

White Background



This preview shows how the HunterLab color 56.3340, -16.4836, -29.0626 looks on a white 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

Black Background



This preview shows how the HunterLab color 56.3340, -16.4836, -29.0626 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 56.3340, -16.4836, -29.0626 Background



This preview shows how black text looks on a background with the HunterLab color 56.3340, -16.4836, -29.0626.



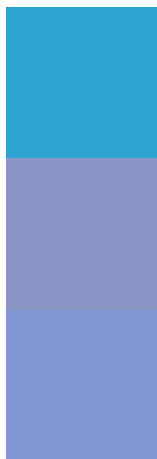
This preview shows how white text looks on a background with the HunterLab color 56.3340,

-16.4836, -29.0626.

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

56.3340, -16.4836, -29.0626

Protanopia

56.0169, 3.1331, -21.9757

Deuteranopia

56.0281, 4.3779, -31.3128



Tritanopia

56.3501, -26.9231, -12.3136

Trichromacy



Original Color

56.3340, -16.4836, -29.0626

Protanomaly

55.4168, -6.1211, -25.7421

Deuteranomaly

55.5474, -4.8697, -31.6375

Tritanomaly

56.1804, -23.4457, -18.4218

Monochromacy



Original Color

56.3340, -16.4836, -29.0626

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

50.6446, -10.9542, -8.4589

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.3340, -16.4836, -29.0626 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(46, 164, 209)` looks like.

```
.text, #text, p{  
    color:rgb(46, 164, 209)  
}
```

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(46, 164, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 164, 209) }
```

Border

The CSS property to change the border of an element to HunterLab 56.3340, -16.4836, -29.0626 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(46, 164, 209) }
```


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

```
.border{ border-color:rgb(46, 164, 209) }
```

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

Here you see how a box with a 4 pixel rgb(46, 164, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 164, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 164, 209);  
box-shadow:4px 4px 4px 4px rgb(46, 164,  
209) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.3340, -16.4836, -29.0626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 164, 209) }
```

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

```
.background{ background-color: rgb(46, 164,  
209) }
```

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