

Converting Colors

HunterLab(61.7695, -18.6242,
-26.5921)

Have a look what the booklet for
HunterLab(61.7695, -18.6242,
-26.5921) contains.

HunterLab(61.7361, -18.5417, -26.6455)	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(61.7361,
-18.5417, -26.6455)**

Conversions

Conversions Part 1

Format	Color
Hex	42B2DB
RGB	66, 178, 219
RGB Percent	26%, 70%, 86%
CMY	0.7411, 0.3020, 0.1412
CMYK	0.70, 0.19, 0.00, 0.14
HSL	196°, 68%, 56%
HSV	196°, 70%, 86%
XYZ	30.9533, 38.1135, 72.7430
YIQ	149.1860, -79.9130, -10.9930

Conversions

Conversions Part 2

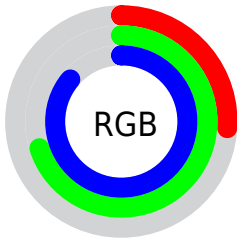
Format	Color
RYB	66, 131, 219
Decimal	4371163
CIELab	68.11, -18.52, -29.83
CIELCh	68, 35.111, 238.172
Yxy	38.1148, 0.2183, 0.2688
Android (android.graphics.Color)	4282561243 (0xFF42B2DB)
YUV	149.1860, 34.4183, -72.9541
Hunter-Lab	61.7361, -18.5417, -26.6455

Details

The HunterLab color **61.7361, -18.5417, -26.6455** is a light color, and the websafe version is hex **0099CC**. The color can be described as light muted azure. A complement of this color would be **50.9615, 35.0067, 26.0168**, and the grayscale version is **54.7873, -2.9233, 2.9767**.

A 20% lighter version of the original color is **84.1968, -26.8566, -15.2098**, and **41.6504, -12.7411, -24.5549** is the 20% darker color. If you saturate the color by 10%, you get **59.3366, -17.7797, -30.7142**, and if you desaturate by 10%, it is **64.3524, -18.5408, -22.4174**.

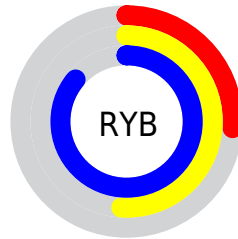
Distribution



Red (26%)

Green (70%)

Blue (86%)



Red (26%)

Yellow (51%)

Blue (86%)

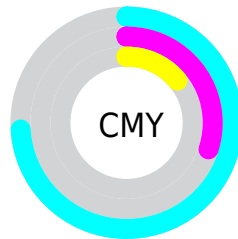


Cyan (70%)

Magenta (19%)

Yellow (0%)

Black (14%)



Cyan (74%)

Magenta (30%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.7361, -18.5417, -26.6455 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 61.7361, -18.5417, -26.6455 by changing the saturation by 10% instead.

61.7361, -18.5417,
-26.6455

61.7361, -18.5417,
-26.6455

183.8783,
-32.3483, -29.0151

51.0606, -16.9363,
-26.1201

85.0201, -21.6708,
-27.5388

41.0821, -15.2885,
-25.5562

97.5598, -23.2103,
-27.9042

31.8545, -13.5794,
-24.9765

110.6618,
-24.7400, -28.2154

23.4448, -11.7796,
-24.4380

124.3029,
-26.2636, -28.4738

15.9420, -9.8386,
-24.0862

138.4625,
-27.7841, -28.6811

9.4728, -9.0245,
-24.3666

153.1224,

0.0000, NaN, -NF

-29.3039, -28.8392

0.0000, NaN, -NF

168.2660,
-30.8248, -28.9500

0.0000, NaN, NaN

■ 61.7361, -18.5417,
-26.6455

■ 61.7361, -18.5417,
-26.6455

■ 59.3366, -17.7797,
-30.7142

■ 64.3524, -18.5408,
-22.4174

■ 57.1457, -16.2731,
-34.6053

■ 67.1801, -17.7928,
-18.0628

■ 55.1322, -14.1483,
-38.3481

■ 70.2141, -16.3340,
-13.6119

■ 55.1043, -14.1168,
-38.4013

■ 73.4456, -14.2132,
-9.0936

■ 76.8643, -11.4854,
-4.5330

■ 80.4593, -8.2074,
0.0495

■ 84.2197, -4.4344,
4.6376

■ 88.1346, -0.2185,
9.2196

■ 91.3381, 1.4885,
12.8046

Harmonies

Analogous

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



61.7372, -27.9005, -11.9297



61.7361, -18.5417, -26.6455



61.7372, -4.2653, -33.1432

Triad

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



61.7372, -18.5415, -26.6444



61.7372, 30.1604, 2.4298



61.7372, -17.0188, 23.8218

Complementary

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



61.7361, -18.5417, -26.6455



50.9615, 35.0067, 26.0168

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.



61.7372, -2.3236, 25.8587



61.7361, -18.5417, -26.6455



61.7372, 25.8867, 15.5258

Square

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



61.7372, -18.5415, -26.6444



61.7372, 24.7463, -13.9399



61.7372, 13.5862, 23.2448



61.7372, -27.0856, 16.7617

Rectangle

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



61.7361, -18.5417, -26.6455



61.7372, 6.4835, -30.9597



61.7372, 13.5862, 23.2448



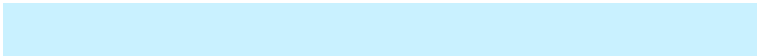
61.7372, -12.5050, 25.0246

Sweetspot

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



61.7372, -18.5415, -26.6444



90.7763, -14.1133, -6.1036



72.7184, -53.0697, 32.5817



41.4675, -6.9674, -3.5231

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.7372, -18.5415, -26.6444



69.2042, -20.3618, -38.7673



39.6465, 19.5676, -75.4513



37.6941, -3.7671, 0.1143



42.6543, -11.1940, -29.1495



11.4794, -3.7336, -6.2885

Inverse Universe

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



47.0874, 66.1921, -22.8624



51.8563, 88.8409, -27.2987



70.3177, -3.2565, 38.9252



36.3486, 2.4779, -0.1185



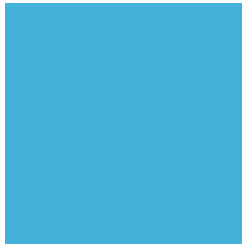
32.3426, 60.1198, -15.7836



8.3170, 15.6040, -5.1759

Previews

White Background



This preview shows how the HunterLab color 61.7361, -18.5417, -26.6455 looks on a white background.

Color Contrast Check

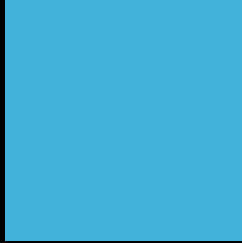
Large Text (above 18pt) WCAG AA × Fail

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 61.7361, -18.5417, -26.6455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

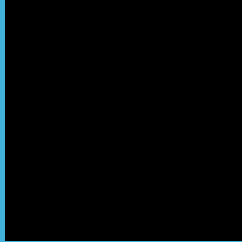
Any Text WCAG AA ✓ Pass

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 61.7361, -18.5417, -26.6455 Background



This preview shows how black text looks on a background with the HunterLab color 61.7361, -18.5417, -26.6455.



This preview shows how white text looks on a background with the HunterLab color 61.7361,

-18.5417, -26.6455.

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

61.7361, -18.5417, -26.6455

Protanopia

61.3339, 2.7005, -19.8450

Deuteranopia

61.5288, 4.5282, -28.5997



Tritanopia

61.7988, -26.7780, -13.0676

Trichromacy



Original Color

61.7361, -18.5417, -26.6455

Protanomaly

60.7423, -6.6428, -23.4852

Deuteranomaly

60.9489, -5.1479, -29.0785

Tritanomaly

61.8840, -24.1460, -17.6267

Monochromacy



Original Color

61.7361, -18.5417, -26.6455

Achromatopsia

54.8219, -2.9252, 2.9786

Achromatomaly

56.6741, -11.5628, -7.1728

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.7361, -18.5417, -26.6455 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(66, 178, 219)` looks like.

```
.text, #text, p{  
    color:rgb(66, 178, 219)  
}
```

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(66, 178, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 178, 219) }
```

Border

The CSS property to change the border of an element to HunterLab 61.7361, -18.5417, -26.6455 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(66, 178, 219) }
```


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

```
.border{ border-color:rgb(66, 178, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 178, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 178, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 178, 219);  
box-shadow:4px 4px 4px 4px rgb(66, 178,  
219) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.7361, -18.5417, -26.6455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 178, 219) }
```

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

```
.background{ background-color: rgb(66, 178,  
219) }
```

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