

Converting Colors

HunterLab(34.4184, -24.8013,
-9.2440)

Have a look what the booklet for
HunterLab(34.4184, -24.8013,
-9.2440) contains.

HunterLab(36.2521, -17.9700, -6.5200)	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(36.2521,
-17.9700, -6.5200)**

Conversions

Conversions Part 1

Format	Color
Hex	007177
RGB	0, 113, 119
RGB Percent	0%, 44%, 47%
CMY	0.9999, 0.5569, 0.5333
CMYK	1.00, 0.05, 0.00, 0.53
HSL	183°, 100%, 23%
HSV	183°, 100%, 47%
XYZ	9.2349, 13.1421, 19.5027
YIQ	79.8970, -69.2740, -22.0900

Conversions

Conversions Part 2

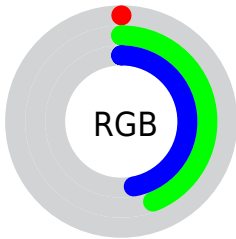
Format	Color
RYB	0, 58, 119
Decimal	29047
CIELab	42.98, -24.35, -11.05
CIELCh	43, 26.739, 204.420
Yxy	13.1426, 0.2205, 0.3138
Android (android.graphics.Color)	4278219127 (0xFF007177)
YUV	79.8970, 19.2778, -70.0697
Hunter-Lab	36.2521, -17.9700, -6.5200

Details

The HunterLab color **36.2521, -17.9700, -6.5200** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **20.1309, 32.8087, 12.9778**, and the grayscale version is **28.2382, -1.5067, 1.5342**.

A 20% lighter version of the original color is **56.0983, -21.9726, -6.5372**, and **20.3020, -9.4093, -5.0639** is the 20% darker color. If you saturate the color by 10%, you get **36.2524, -17.9702, -6.5199**, and if you desaturate by 10%, it is **36.5437, -17.7791, -6.1096**.

Distribution



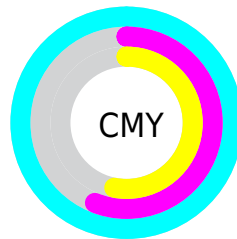
- Red (0%)
- Green (44%)
- Blue (47%)



- Red (0%)
- Yellow (23%)
- Blue (47%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.2521, -17.9700, -6.5200 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 36.2521, -17.9700, -6.5200 by changing the saturation by 10% instead.

■ 36.2521, -17.9700,
-6.5200

■ 36.2521, -17.9700,
-6.5200

■ 145.5437,
-34.8093, -4.7386

■ 27.4351, -15.7839,
-6.4127

■ 56.1781, -22.0231,
-6.5114

■ 19.4774, -13.4255,
-6.2217

■ 67.1788, -23.9457,
-6.4105

■ 12.4854, -10.8243,
-5.9418

■ 78.8165, -25.8217,
-6.2524

■ 5.7412, -10.0471,
-7.7709

■ 91.0579, -27.6623,
-6.0416

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.8746,
-29.4756, -5.7818

0.0000, NaN, NaN

■ 117.2420,

0.0000, NaN, NaN

-31.2681, -5.4763

0.0000, NaN, NaN

131.1382,
-33.0447, -5.1278

■ 36.2521, -17.9700,
-6.5200

■ 36.2521, -17.9700,
-6.5200

■ 36.2524, -17.9702,
-6.5199

■ 36.5437, -17.7791,
-6.1096

■ 36.8836, -17.3986,
-5.6326

■ 37.3070, -16.6968,
-5.0410

■ 37.8209, -15.6527,
-4.3292

■ 38.4300, -14.2570,
-3.4958

■ 39.1371, -12.5107,
-2.5430

■ 39.9434, -10.4228,
-1.4758

■ 40.8490, -8.0089,
-0.3012

■ 41.8526, -5.2895,
0.9722

Harmonies

Analogous

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



36.2528, -19.3012, 3.7231



36.2521, -17.9700, -6.5200



36.2528, -12.5519, -16.4829

Triad

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



36.2528, -17.9700, -6.5195



36.2528, 15.2376, -10.4964



36.2528, -0.0297, 15.9591

Complementary

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



36.2521, -17.9700, -6.5200



20.1309, 32.8087, 12.9778

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.



36.2528, 10.0615, 14.0067



36.2521, -17.9700, -6.5200



36.2528, 19.4730, 0.1318

Square

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



36.2528, -17.9700, -6.5195



36.2528, 6.4416, -19.1842



36.2528, 17.4825, 8.8065



36.2528, -9.6163, 15.0805

Rectangle

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



36.2521, -17.9700, -6.5200



36.2528, -7.0032, -20.6962



36.2528, 17.4825, 8.8065



36.2528, 3.4251, 15.6333

Sweetspot

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



36.2528, -17.9700, -6.5195



53.3630, -14.1794, -2.0905



36.3414, -31.0338, 21.5708



25.7929, -7.3863, -1.2615



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



36.2528, -17.9700, -6.5195



48.4492, -23.9706, -8.8116



19.8226, 6.9909, -39.8655



20.3105, -2.4259, 0.5327



37.3614, -18.5158, -6.7281



82.2426, -40.5894, -15.1752

Inverse Universe

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



22.6154, 43.9982, -26.2532



30.2522, 58.8447, -35.0002



27.8482, 12.3155, 17.3747



19.3776, 1.2691, -0.4305



23.3091, 45.3499, -27.0496



51.4175, 99.9795, -59.2204

Previews

White Background



This preview shows how the HunterLab color 36.2521, -17.9700, -6.5200 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 × Fail

Black Background



This preview shows how the HunterLab color 36.2521, -17.9700, -6.5200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

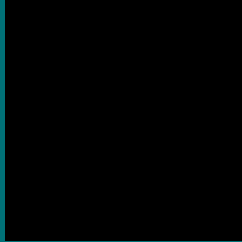
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

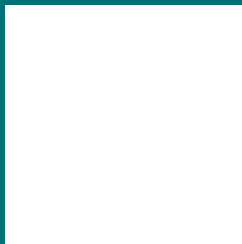
Any Text WCAG AAA × Fail

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

HunterLab 36.2521, -17.9700, -6.5200 Background



This preview shows how black text looks on a background with the HunterLab color 36.2521, -17.9700, -6.5200.



This preview shows how white text looks on a background with the HunterLab color 36.2521,

-17.9700, -6.5200.

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

36.2521, -17.9700, -6.5200

Protanopia

36.2828, -0.6288, -2.2290

Deuteranopia

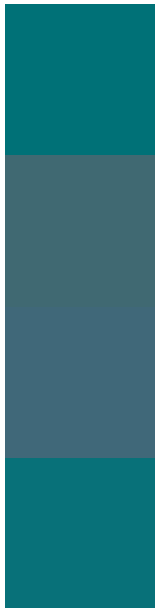
36.1877, 2.4800, -7.8247



Tritanopia

36.4705, -16.9159, -7.7561

Trichromacy



Original Color

36.2521, -17.9700, -6.5200

Protanomaly

35.2251, -9.9400, -5.2640

Deuteranomaly

35.1726, -8.1842, -8.9628

Tritanomaly

36.3900, -17.2969, -7.3520

Monochromacy



Original Color

36.2521, -17.9700, -6.5200

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

30.2758, -10.4577, -2.2653

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.2521, -17.9700, -6.5200 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, 113, 119)` looks like.

```
.text, #text, p{  
    color:rgb(0, 113, 119)  
}
```

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, 113, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 113, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 36.2521, -17.9700, -6.5200 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, 113, 119) }
```


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

```
.border{ border-color:rgb(0, 113, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 113, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 113, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 113, 119);  
box-shadow:4px 4px 4px 4px rgb(0, 113,  
119) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.2521, -17.9700, -6.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 113, 119) }
```

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

```
.background{ background-color: rgb(0, 113,  
119) }
```

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