

Converting Colors

HunterLab(33.9097, -27.3789,
-7.9379)

Have a look what the booklet for
HunterLab(33.9097, -27.3789,
-7.9379) contains.

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Color

**HunterLab(36.1221,
-18.7413, -4.6924)**

Conversions

Conversions Part 1

Format	Color
Hex	007173
RGB	0, 113, 115
RGB Percent	0%, 44%, 45%
CMY	0.9999, 0.5569, 0.5490
CMYK	1.00, 0.02, 0.00, 0.55
HSL	181°, 100%, 23%
HSV	181°, 100%, 45%
XYZ	8.9996, 13.0481, 18.2638
YIQ	79.4410, -67.9900, -23.3340

Conversions

Conversions Part 2

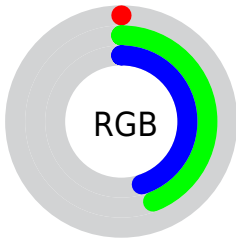
Format	Color
RYB	0, 57, 115
Decimal	29043
CIELab	42.84, -25.71, -8.86
CIELCh	43, 27.191, 199.013
Yxy	13.0485, 0.2233, 0.3237
Android (android.graphics.Color)	4278219123 (0xFF007173)
YUV	79.4410, 17.5306, -69.6698
Hunter-Lab	36.1221, -18.7413, -4.6924

Details

The HunterLab color **36.1221, -18.7413, -4.6924** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19.2057, 32.3060, 12.3989**, and the grayscale version is **28.0793, -1.4982, 1.5256**.

A 20% lighter version of the original color is **55.9268, -22.8971, -4.6968**, and **20.1793, -10.1343, -3.3452** is the 20% darker color. If you saturate the color by 10%, you get **36.1226, -18.7417, -4.6922**, and if you desaturate by 10%, it is **36.2875, -18.4096, -4.4637**.

Distribution



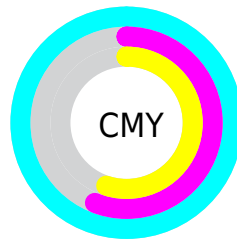
- Red (0%)
- Green (44%)
- Blue (45%)



- Red (0%)
- Yellow (22%)
- Blue (45%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.1221, -18.7413, -4.6924 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 36.1221, -18.7413, -4.6924 by changing the saturation by 10% instead.

■ 36.1221, -18.7413,
-4.6924

■ 36.1221, -18.7413,
-4.6924

145.3370,
-36.2332, -2.1448

■ 27.3166, -16.4496,
-4.6850

■ 56.0276, -22.9753,
-4.4928

■ 19.3718, -13.9702,
-4.5945

■ 67.0191, -24.9776,
-4.3013

■ 12.3943, -11.2761,
-4.4095

■ 78.6480, -26.9281,
-4.0557

■ 5.6035, -9.8062,
-6.2479

■ 90.8811, -28.8387,
-3.7604

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.6900,
-30.7183, -3.4189

0.0000, NaN, NaN

■ 117.0497,

0.0000, NaN, NaN

-32.5739, -3.0342

0.0000, NaN, NaN

130.9386,
-34.4108, -2.6087

■ 36.1221, -18.7413,
-4.6924

■ 36.1221, -18.7413,
-4.6924

■ 36.1226, -18.7417,
-4.6922

■ 36.2875, -18.4096,
-4.4637

■ 36.4968, -17.9043,
-4.1739

■ 36.7853, -17.0930,
-3.7752

■ 37.1603, -15.9538,
-3.2605

■ 37.6268, -14.4757,
-2.6262

■ 38.1885, -12.6570,
-1.8724

■ 38.8472, -10.5047,
-1.0018

■ 39.6037, -8.0322,
-0.0195

■ 40.4574, -5.2583,
1.0675

Harmonies

Analogous

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



36.1228, -19.3155, 5.3607



36.1221, -18.7413, -4.6924



36.1228, -13.9708, -15.2463

Triad

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



36.1228, -18.7413, -4.6919



36.1228, 14.1878, -12.6222



36.1228, 1.9049, 15.9558

Complementary

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



36.1221, -18.7413, -4.6924



19.2057, 32.3060, 12.3989

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.



36.1228, 11.9306, 13.4506



36.1221, -18.7413, -4.6924



36.1228, 19.5304, -1.7934

Square

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



36.1228, -18.7413, -4.6919



36.1228, 4.7197, -20.6355



36.1228, 18.6611, 7.5575



36.1228, -8.1297, 15.5820

Rectangle

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



36.1221, -18.7413, -4.6924



36.1228, -8.7220, -20.2892



36.1228, 18.6611, 7.5575



36.1228, 5.4055, 15.4584

Sweetspot

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



36.1228, -18.7413, -4.6919



51.9085, -14.3034, -1.4393



35.0228, -29.9883, 20.9621



25.2043, -7.4748, -0.8996



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



36.1228, -18.7413, -4.6919



48.3161, -25.0534, -6.3078



20.0667, 4.8156, -35.4748



20.3590, -2.5031, 0.5896



38.6181, -20.0335, -5.0227



85.1688, -44.1271, -11.1959

Inverse Universe

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



21.9942, 43.0833, -27.8088



29.4273, 57.6429, -37.1679



26.1085, 13.4914, 16.3233



19.3827, 1.2966, -0.5034



23.5149, 46.0648, -29.7254



51.8961, 101.6422, -65.4452

Previews

White Background



This preview shows how the HunterLab color 36.1221, -18.7413, -4.6924 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 36.1221, -18.7413, -4.6924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

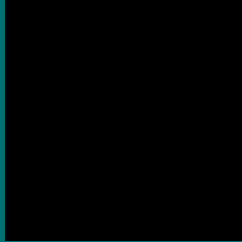
Any Text WCAG AA × Fail

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 36.1221, -18.7413, -4.6924 Background



This preview shows how black text looks on a background with the HunterLab color 36.1221, -18.7413, -4.6924.



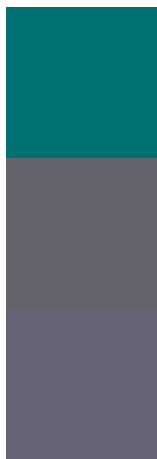
This preview shows how white text looks on a background with the HunterLab color 36.1221, -18.7413, -4.6924.

-18.7413, -4.6924.

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

36.1221, -18.7413, -4.6924

Protanopia

35.9758, -0.5506, -0.7658

Deuteranopia

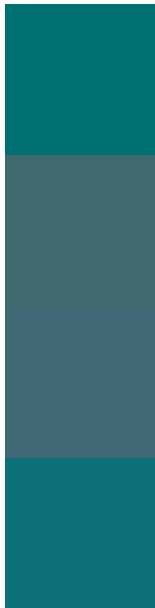
36.1337, 2.0298, -5.8224



Tritanopia

36.1904, -16.5023, -7.6237

Trichromacy



Original Color

36.1221, -18.7413, -4.6924

Protanomaly

35.0983, -10.6646, -3.4789

Deuteranomaly

35.0839, -8.7830, -6.9764

Tritanomaly

36.0436, -17.2079, -6.8003

Monochromacy



Original Color

36.1221, -18.7413, -4.6924

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

29.8881, -10.5685, -1.8538

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.1221, -18.7413, -4.6924 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(0, 113, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 113, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 36.1221, -18.7413, -4.6924 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, 115) }
```


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

```
.border{ border-color:rgb(0, 113, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 113, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 113, 115);  
box-shadow:4px 4px 4px 4px rgb(0, 113,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.1221, -18.7413, -4.6924 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, 115) }
```

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

```
.background{ background-color: rgb(0, 113,  
115) }
```

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](#).

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