

Converting Colors

HunterLab(36.5139, -20.9453,
-0.4242)

Have a look what the booklet for
HunterLab(36.5139, -20.9453,
-0.4242) contains.

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Color

**HunterLab(36.5007,
-20.9168, -0.4692)**

Conversions

Conversions Part 1

Format	Color
Hex	00736B
RGB	0, 115, 107
RGB Percent	0%, 45%, 42%
CMY	1.0000, 0.5490, 0.5804
CMYK	1.00, 0.00, 0.07, 0.55
HSL	176°, 100%, 23%
HSV	176°, 100%, 45%
XYZ	8.7846, 13.3230, 16.0185
YIQ	79.7030, -65.9720, -26.8680

Conversions

Conversions Part 2

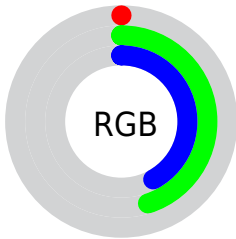
Format	Color
RYB	0, 60, 115
Decimal	29547
CIELab	43.25, -29.31, -3.43
CIELCh	43, 29.507, 186.679
Yxy	13.3235, 0.2304, 0.3494
Android (android.graphics.Color)	4278219627 (0xFF00736B)
YUV	79.7030, 13.4574, -69.8995
Hunter-Lab	36.5007, -20.9168, -0.4692

Details

The HunterLab color **36.5007, -20.9168, -0.4692** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19.1384, 32.8632, 11.6554**, and the grayscale version is **28.1876, -1.5040, 1.5315**.

A 20% lighter version of the original color is **56.6142, -25.8175, 0.5568**, and **20.5491, -11.9531, 0.1186** is the 20% darker color. If you saturate the color by 10%, you get **36.5013, -20.9175, -0.4685**, and if you desaturate by 10%, it is **36.6266, -20.3712, -0.6638**.

Distribution



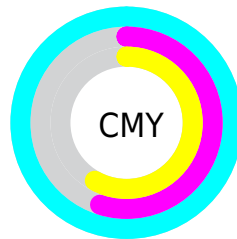
- Red (0%)
- Green (45%)
- Blue (42%)



- Red (0%)
- Yellow (24%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5007, -20.9168, -0.4692 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 36.5007, -20.9168, -0.4692 by changing the saturation by 10% instead.

■ 36.5007, -20.9168,
-0.4692

■ 36.5007, -20.9168,
-0.4692

145.9386,
-40.1155, 4.1239

■ 27.6617, -18.3553,
-0.7482

■ 56.4657, -25.6187,
0.2573

■ 19.6797, -15.5712,
-0.9614

■ 67.4841, -27.8289,
0.6930

■ 12.6598, -12.5890,
-1.0956

■ 79.1384, -29.9741,
1.1718

■ 5.9953, -10.4917,
-2.0464

■ 91.3957, -32.0684,
1.6908

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.2276,
-34.1224, 2.2475

0.0000, NaN, NaN

■ 117.6095,

0.0000, NaN, NaN

-36.1442, 2.8397

0.0000, NaN, NaN

131.5196,
-38.1402, 3.4657

36.5007, -20.9168,
-0.4692

36.5007, -20.9168,
-0.4692

36.5013, -20.9175,
-0.4685

36.6266, -20.3712,
-0.6638

36.7964, -19.6504,
-0.8016

37.0453, -18.6223,
-0.8362

37.3808, -17.2648,
-0.7578

37.8083, -15.5672,
-0.5597

■ 38.3315, -13.5286,
-0.2386

■ 38.9527, -11.1564,
0.2060

■ 39.6727, -8.4647,
0.7722

■ 40.4913, -5.4732,
1.4557

Harmonies

Analogous

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



36.5014, -19.6443, 9.1817



36.5007, -20.9168, -0.4692



36.5014, -17.6193, -12.4363

Triad

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



36.5014, -20.9169, -0.4687



36.5014, 11.7781, -18.4769



36.5014, 6.9432, 16.2044

Complementary

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



36.5007, -20.9168, -0.4692



19.1384, 32.8632, 11.6554

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.



36.5014, 16.9108, 12.2008



36.5007, -20.9168, -0.4692



36.5014, 19.9283, -7.0568

Square

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



36.5014, -20.9169, -0.4687



36.5014, 0.5807, -24.6699



36.5014, 21.9112, 4.2829



36.5014, -4.4128, 17.0061

Rectangle

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



36.5007, -20.9168, -0.4692



36.5014, -13.0090, -19.5262



36.5014, 21.9112, 4.2829



36.5014, 10.6067, 15.2628

Sweetspot

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



36.5014, -20.9169, -0.4687



52.0531, -15.1987, 0.2221



35.1053, -29.6492, 21.1121



25.2831, -7.9601, 0.0045



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.



36.5014, -20.9169, -0.4687



48.8359, -28.0393, -0.5119



22.9410, -0.4081, -27.7914



20.3742, -2.6008, 0.7660



39.0253, -22.3747, -0.4778



86.1188, -49.5739, -0.6251

Inverse Universe

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



19.1384, 32.8632, 11.6554



25.5925, 43.9176, 15.8422



23.9849, 18.4899, 15.1022



19.2474, 0.5690, 1.4229



20.4585, 35.1270, 12.5126



45.1079, 77.3411, 28.4311

Previews

White Background



This preview shows how the HunterLab color 36.5007, -20.9168, -0.4692 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 36.5007, -20.9168, -0.4692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

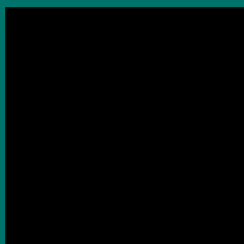
Any Text WCAG AA × Fail

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 36.5007, -20.9168, -0.4692 Background



This preview shows how black text looks on a background with the HunterLab color 36.5007, -20.9168, -0.4692.



This preview shows how white text looks on a background with the HunterLab color 36.5007,

-20.9168, -0.4692.

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

36.5007, -20.9168, -0.4692

Protanopia

36.2647, -1.3717, 3.0228

Deuteranopia

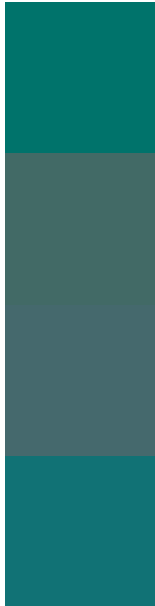
36.3835, 2.3677, -1.5786



Tritanopia

36.6721, -16.1344, -7.4537

Trichromacy



Original Color

36.5007, -20.9168, -0.4692

Protanomaly

35.2500, -12.0667, 0.3665

Deuteranomaly

35.3164, -9.9155, -2.7010

Tritanomaly

36.6581, -18.0910, -4.9480

Monochromacy



Original Color

36.5007, -20.9168, -0.4692

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

30.4478, -11.5131, -0.2754

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5007, -20.9168, -0.4692 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, 115, 107)` looks like.

```
.text, #text, p{  
    color:rgb(0, 115, 107)  
}
```

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, 115, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 115, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5007, -20.9168, -0.4692 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, 115, 107) }
```


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

```
.border{ border-color:rgb(0, 115, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 115, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 115, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 115, 107);  
box-shadow:4px 4px 4px 4px rgb(0, 115,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.5007, -20.9168, -0.4692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 115, 107) }
```

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

```
.background{ background-color: rgb(0, 115,  
107) }
```

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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