

Converting Colors

HunterLab(33.7106, -27.3962,
-17.4654)

Have a look what the booklet for
HunterLab(33.7106, -27.3962,
-17.4654) contains.

HunterLab(36.6728, -15.4947, -12.3892)	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(36.6728,
-15.4947, -12.3892)**

Conversions

Conversions Part 1

Format	Color
Hex	007183
RGB	0, 113, 131
RGB Percent	0%, 44%, 51%
CMY	0.9999, 0.5569, 0.4863
CMYK	1.00, 0.14, 0.00, 0.49
HSL	188°, 100%, 26%
HSV	188°, 100%, 51%
XYZ	10.0019, 13.4489, 23.5415
YIQ	81.2650, -73.1260, -18.3580

Conversions

Conversions Part 2

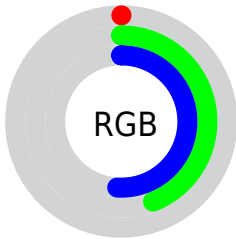
Format	Color
RYB	0, 61, 131
Decimal	29059
CIELab	43.43, -20.11, -17.57
CIELCh	43, 26.707, 221.135
Yxy	13.4494, 0.2128, 0.2862
Android (android.graphics.Color)	4278219139 (0xFF007183)
YUV	81.2650, 24.5194, -71.2694
Hunter-Lab	36.6728, -15.4947, -12.3892

Details

The HunterLab color **36.6728, -15.4947, -12.3892** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **22.9315, 34.4166, 14.7315**, and the grayscale version is **28.7162, -1.5322, 1.5602**.

A 20% lighter version of the original color is **56.6361, -19.0122, -12.9063**, and **20.9518, -7.5860, -9.8119** is the 20% darker color. If you saturate the color by 10%, you get **36.6726, -15.4942, -12.3900**, and if you desaturate by 10%, it is **37.3383, -15.7543, -11.3654**.

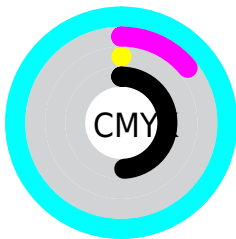
Distribution



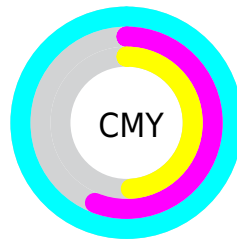
- Red (0%)
- Green (44%)
- Blue (51%)



- Red (0%)
- Yellow (24%)
- Blue (51%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (56%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.6728, -15.4947, -12.3892 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 36.6728, -15.4947, -12.3892 by changing the saturation by 10% instead.

■ 36.6728, -15.4947,
-12.3892

■ 36.6728, -15.4947,
-12.3892

■ 146.2116,
-30.3313, -12.6975

■ 27.8186, -13.6304,
-12.0384

■ 56.6647, -18.9946,
-12.8771

■ 19.8198, -11.6399,
-11.6244

■ 67.6952, -20.6728,
-13.0200

■ 12.7808, -9.4479,
-11.1833

■ 79.3610, -22.3205,
-13.1007

■ 6.1646, -10.7881,
-13.1243

■ 91.6292, -23.9460,
-13.1231

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 104.4716,
-25.5555, -13.0909

0.0000, NaN, NaN

■ 117.8635,

0.0000, NaN, NaN

-27.1539, -13.0073

0.0000, NaN, NaN

131.7833,
-28.7449, -12.8753

■ 36.6728, -15.4947,
-12.3892

■ 36.6728, -15.4947,
-12.3892

■ 36.6726, -15.4942,
-12.3900

■ 37.3383, -15.7543,
-11.3654

■ 38.0673, -15.7726,
-10.2635

■ 38.8948, -15.4199,
-9.0359

■ 39.8265, -14.6791,
-7.6830

■ 40.8655, -13.5471,
-6.2102

■ 42.0125, -12.0322,
-4.6264

■ 43.2664, -10.1503,
-2.9426

■ 44.6250, -7.9235,
-1.1705

■ 46.0853, -5.3770,
0.6778

Harmonies

Analogous

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



36.6735, -19.1659, -1.7617



36.6728, -15.4947, -12.3892



36.6735, -8.0413, -20.1966

Triad

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



36.6735, -15.4946, -12.3886



36.6735, 18.3322, -4.5080



36.6735, -5.6417, 15.9105

Complementary

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



36.6728, -15.4947, -12.3892



22.9315, 34.4166, 14.7315

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.



36.6735, 4.5479, 15.5484



36.6728, -15.4947, -12.3892



36.6735, 19.1545, 5.3943

Square

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



36.6735, -15.4946, -12.3886



36.6735, 11.7406, -14.8621



36.6735, 13.8787, 12.2053



36.6735, -13.9023, 13.3808

Rectangle

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



36.6728, -15.4947, -12.3892



36.6735, -1.5726, -21.7536



36.6735, 13.8787, 12.2053



36.6735, -2.3434, 16.1003

Sweetspot

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



36.6735, -15.4946, -12.3886



57.7759, -13.7763, -4.1008



40.3421, -34.2210, 23.4508



27.5791, -7.1070, -2.3770



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



36.6735, -15.4946, -12.3886



48.9061, -20.5156, -16.8411



19.3814, 13.5666, -53.5082



22.7436, -2.5330, 0.4124



36.3881, -15.3774, -12.2867



2.3095, -1.1166, -0.4763

Inverse Universe

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



24.5316, 46.8673, -21.8227



32.8015, 62.6313, -28.8638



33.1781, 8.9282, 20.5996



21.7994, 1.4097, -0.3057



24.3385, 46.5033, -21.6590



1.4586, 2.8284, -1.6192

Previews

White Background



This preview shows how the HunterLab color 36.6728, -15.4947, -12.3892 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 36.6728, -15.4947, -12.3892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

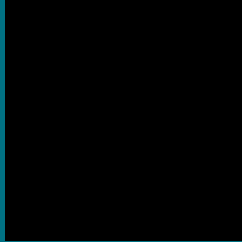
Any Text WCAG AA × Fail

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 36.6728, -15.4947, -12.3892 Background



This preview shows how black text looks on a background with the HunterLab color 36.6728, -15.4947, -12.3892.



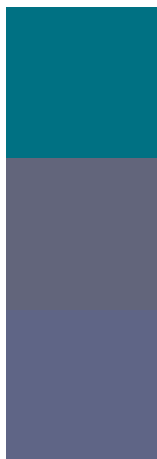
This preview shows how white text looks on a background with the HunterLab color 36.6728, -15.4947, -12.3892.

-15.4947, -12.3892.

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

36.6728, -15.4947, -12.3892

Protanopia

36.5159, 0.9444, -7.9085

Deuteranopia

36.6899, 2.3281, -13.7982



Tritanopia

36.6943, -17.5522, -7.9744

Trichromacy



Original Color

36.6728, -15.4947, -12.3892

Protanomaly

35.5438, -7.9440, -11.1628

Deuteranomaly

35.7173, -6.7889, -14.9454

Tritanomaly

36.7981, -16.9403, -9.4252

Monochromacy



Original Color

36.6728, -15.4947, -12.3892

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

30.7565, -9.8168, -3.9754

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.6728, -15.4947, -12.3892 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(0, 113, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 113, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 36.6728, -15.4947, -12.3892 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, 131) }
```


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

```
.border{ border-color:rgb(0, 113, 131) }
```

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, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 113, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 113, 131);  
box-shadow:4px 4px 4px 4px rgb(0, 113,  
131) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.6728, -15.4947, -12.3892 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, 131) }
```

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

```
.background{ background-color: rgb(0, 113,  
131) }
```

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