

Converting Colors

HunterLab(36.9796, -15.4680,
-12.8303)

Have a look what the booklet for
HunterLab(36.9796, -15.4680,
-12.8303) contains.

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Color

**HunterLab(37.0514,
-15.4547, -12.9487)**

Conversions

Conversions Part 1

Format	Color
Hex	007285
RGB	0, 114, 133
RGB Percent	0%, 45%, 52%
CMY	0.9999, 0.5529, 0.4784
CMYK	1.00, 0.14, 0.00, 0.48
HSL	189°, 100%, 26%
HSV	189°, 100%, 52%
XYZ	10.2509, 13.7281, 24.2997
YIQ	82.0800, -74.0430, -18.2590

Conversions

Conversions Part 2

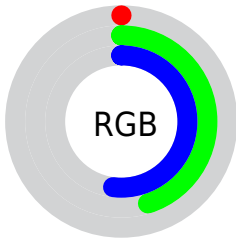
Format	Color
RYB	0, 61, 133
Decimal	29317
CIELab	43.84, -19.93, -18.14
CIELCh	44, 26.950, 222.306
Yxy	13.7286, 0.2123, 0.2844
Android (android.graphics.Color)	4278219397 (0xFF007285)
YUV	82.0800, 25.1036, -71.9842
Hunter-Lab	37.0514, -15.4547, -12.9487

Details

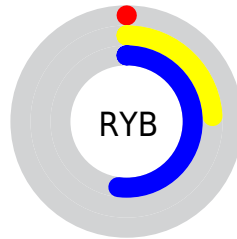
The HunterLab color **37.0514, -15.4547, -12.9487** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **23.3516, 34.8580, 14.9980**, and the grayscale version is **29.0100, -1.5479, 1.5762**.

A 20% lighter version of the original color is **57.0674, -18.8795, -13.4294**, and **21.2626, -7.7467, -9.8535** is the 20% darker color. If you saturate the color by 10%, you get **37.0511, -15.4541, -12.9496**, and if you desaturate by 10%, it is **37.7486, -15.7546, -11.8689**.

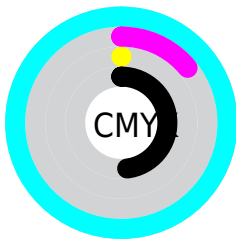
Distribution



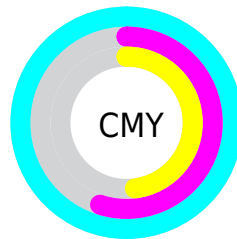
- Red (0%)
- Green (45%)
- Blue (52%)



- Red (0%)
- Yellow (24%)
- Blue (52%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (55%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.0514, -15.4547, -12.9487 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 37.0514, -15.4547, -12.9487 by changing the saturation by 10% instead.

37.0514, -15.4547,
-12.9487

37.0514, -15.4547,
-12.9487

146.8113,
-30.1967, -13.4079

28.1640, -13.6080,
-12.5829

57.1022, -18.9264,
-13.4699

20.1284, -11.6390,
-12.1569

68.1594, -20.5929,
-13.6300

13.0477, -9.4754,
-11.7097

79.8504, -22.2297,
-13.7279

6.5210, -11.4117,
-13.1879

92.1426, -23.8453,
-13.7674

0.0000, NaN, -NF

0.0000, NaN, NaN

105.0078,
-25.4456, -13.7520

0.0000, NaN, NaN

118.4217,

0.0000, NaN, NaN

-27.0353, -13.6851

0.0000, NaN, NaN

132.3626,
-28.6181, -13.5695

■ 37.0514, -15.4547,
-12.9487

■ 37.0514, -15.4547,
-12.9487

■ 37.0511, -15.4541,
-12.9496

■ 37.7486, -15.7546,
-11.8689

■ 38.5118, -15.8050,
-10.7089

■ 39.3755, -15.4768,
-9.4214

■ 40.3458, -14.7527,
-8.0073

■ 41.4255, -13.6301,
-6.4725

■ 42.6151, -12.1178,
-4.8264

■ 43.9134, -10.2324,
-3.0805

■ 45.3182, -7.9967,
-1.2471

■ 46.8260, -5.4366,
0.6617

Harmonies

Analogous

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



37.0521, -19.3323, -2.2048



37.0514, -15.4547, -12.9487



37.0521, -7.7796, -20.6534

Triad

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



37.0521, -15.4546, -12.9481



37.0521, 18.7240, -4.1444



37.0521, -6.0859, 16.0542

Complementary

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



37.0514, -15.4547, -12.9487



23.3516, 34.8580, 14.9980

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.



37.0521, 4.2020, 15.7991



37.0514, -15.4547, -12.9487



37.0521, 19.3049, 5.7936

Square

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



37.0521, -15.4546, -12.9481



37.0521, 12.2386, -14.6961



37.0521, 13.7487, 12.5452



37.0521, -14.3310, 13.3738

Rectangle

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



37.0514, -15.4547, -12.9487



37.0521, -1.1828, -22.0259



37.0521, 13.7487, 12.5452



37.0521, -2.7685, 16.2829

Sweetspot

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



37.0521, -15.4546, -12.9481



58.6395, -13.8842, -4.2890



41.0100, -34.7922, 23.8492



27.5323, -7.0387, -2.4373



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.



37.0521, -15.4546, -12.9481



49.4060, -20.4522, -17.6027



19.6768, 13.8538, -54.4972



22.7344, -2.5183, 0.4015



36.1728, -15.0985, -12.6195



2.3029, -1.1085, -0.4856

Inverse Universe

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



24.9037, 47.5226, -21.7245



33.2985, 63.5053, -28.7198



33.7115, 9.1085, 20.9314



21.7984, 1.4045, -0.2919



24.3061, 46.3893, -21.2268



1.4576, 2.8247, -1.6055

Previews

White Background



This preview shows how the HunterLab color 37.0514, -15.4547, -12.9487 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 37.0514, -15.4547, -12.9487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

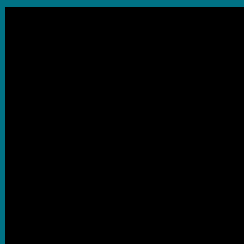
Any Text WCAG AA × Fail

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 37.0514, -15.4547, -12.9487 Background



This preview shows how black text looks on a background with the HunterLab color 37.0514, -15.4547, -12.9487.



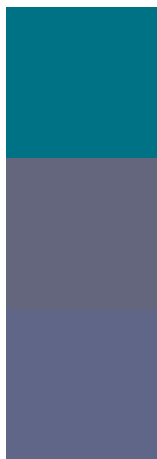
This preview shows how white text looks on a background with the HunterLab color 37.0514, -15.4547, -12.9487.

-15.4547, -12.9487.

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

37.0514, -15.4547, -12.9487

Protanopia

36.9270, 1.1115, -8.3782

Deuteranopia

37.1041, 2.5113, -14.3128



Tritanopia

37.0361, -17.7310, -8.0156

Trichromacy



Original Color

37.0514, -15.4547, -12.9487

Protanomaly

35.9491, -7.7943, -11.6665

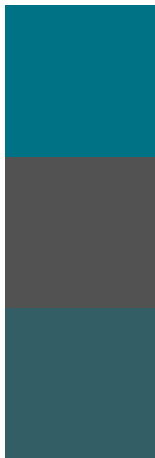
Deuteranomaly

36.1240, -6.6307, -15.4778

Tritanomaly

37.1400, -17.1186, -9.4677

Monochromacy



Original Color

37.0514, -15.4547, -12.9487

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

31.1048, -9.8562, -4.4742

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.0514, -15.4547, -12.9487 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, 114, 133)` looks like.

```
.text, #text, p{  
    color:rgb(0, 114, 133)  
}
```

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, 114, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 114, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 37.0514, -15.4547, -12.9487 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, 114, 133) }
```


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

```
.border{ border-color:rgb(0, 114, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 114, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 114, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 114, 133);  
box-shadow:4px 4px 4px 4px rgb(0, 114,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.0514, -15.4547, -12.9487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 114, 133) }
```

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

```
.background{ background-color: rgb(0, 114,  
133) }
```

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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