

Converting Colors

HunterLab(36.8872, -17.8623,
-14.8600)

Have a look what the booklet for
HunterLab(36.8872, -17.8623,
-14.8600) contains.

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Color

**HunterLab(37.4687,
-15.1928, -14.0358)**

Conversions

Conversions Part 1

Format	Color
Hex	007388
RGB	0, 115, 136
RGB Percent	0%, 45%, 53%
CMY	0.9999, 0.5490, 0.4667
CMYK	1.00, 0.15, 0.00, 0.47
HSL	189°, 100%, 27%
HSV	189°, 100%, 53%
XYZ	10.5747, 14.0390, 25.4450
YIQ	83.0090, -75.2810, -17.8490

Conversions

Conversions Part 2

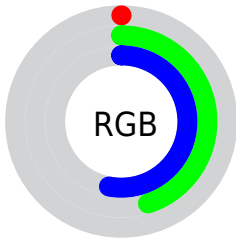
Format	Color
RYB	0, 62, 136
Decimal	29576
CIELab	44.29, -19.39, -19.24
CIELCh	44, 27.315, 224.790
Yxy	14.0395, 0.2112, 0.2805
Android (android.graphics.Color)	4278219656 (0xFF007388)
YUV	83.0090, 26.1246, -72.7989
Hunter-Lab	37.4687, -15.1928, -14.0358

Details

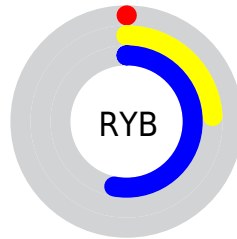
The HunterLab color **37.4687, -15.1928, -14.0358** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **24.0235, 35.3968, 15.4216**, and the grayscale version is **29.3442, -1.5657, 1.5943**.

A 20% lighter version of the original color is **57.5373, -18.5289, -14.4809**, and **21.6476, -7.4825, -10.9051** is the 20% darker color. If you saturate the color by 10%, you get **37.4684, -15.1921, -14.0368**, and if you desaturate by 10%, it is **38.2286, -15.5735, -12.8420**.

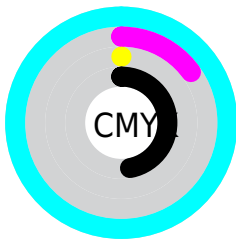
Distribution



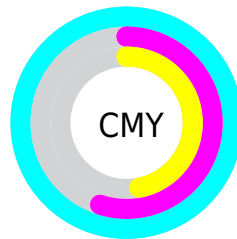
- Red (0%)
- Green (45%)
- Blue (53%)



- Red (0%)
- Yellow (24%)
- Blue (53%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (55%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4687, -15.1928, -14.0358 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 37.4687, -15.1928, -14.0358 by changing the saturation by 10% instead.

37.4687, -15.1928,
-14.0358

37.4687, -15.1928,
-14.0358

147.4709,
-29.6723, -14.7977

28.5450, -13.3902,
-13.6404

57.5840, -18.5903,
-14.6237

20.4693, -11.4730,
-13.1912

68.6704, -20.2245,
-14.8184

13.3430, -9.3731,
-12.7357

80.3890, -21.8314,
-14.9509

6.8912, -12.0595,
-13.8474

92.7075, -23.4190,
-15.0247

0.0000, NaN, -NF

0.0000, NaN, NaN

105.5978,
-24.9929, -15.0432

0.0000, NaN, NaN

119.0358,

0.0000, NaN, NaN

-26.5575, -15.0097

0.0000, NaN, NaN

132.9998,
-28.1164, -14.9270

■ 37.4687, -15.1928,
-14.0358

■ 37.4687, -15.1928,
-14.0358

■ 37.4684, -15.1921,
-14.0368

■ 38.2286, -15.5735,
-12.8420

■ 39.0581, -15.6919,
-11.5657

■ 39.9920, -15.4194,
-10.1598

■ 41.0359, -14.7391,
-8.6262

■ 42.1924, -13.6496,
-6.9720

■ 43.4618, -12.1605,
-5.2077

■ 44.8426, -10.2901,
-3.3457

■ 46.3320, -8.0621,
-1.3990

■ 47.9263, -5.5037,
0.6198

Harmonies

Analogous

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



37.4694, -19.4797, -3.1622



37.4687, -15.1928, -14.0358



37.4694, -7.1166, -21.4216

Triad

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



37.4694, -15.1926, -14.0352



37.4694, 19.3704, -3.3161



37.4694, -6.9824, 16.1890

Complementary

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



37.4687, -15.1928, -14.0358



24.0235, 35.3968, 15.4216

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.



37.4694, 3.4041, 16.1689



37.4687, -15.1928, -14.0358



37.4694, 19.4165, 6.5882

Square

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



37.4694, -15.1926, -14.0352



37.4694, 13.1927, -14.1741



37.4694, 13.3125, 13.1402



37.4694, -15.1037, 13.2057

Rectangle

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



37.4687, -15.1928, -14.0358



37.4694, -0.3126, -22.3728



37.4694, 13.3125, 13.1402



37.4694, -3.6606, 16.5002

Sweetspot

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



37.4694, -15.1926, -14.0352



59.4026, -13.8401, -4.6092



42.0246, -35.5936, 24.3109



28.2566, -7.1205, -2.6599



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



37.4694, -15.1926, -14.0352



49.5556, -19.9265, -18.9246



19.6469, 15.4546, -57.9157



23.5782, -2.5900, 0.3869



36.4664, -14.7993, -13.6324



3.2372, -1.5433, -0.7146

Inverse Universe

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



25.4412, 48.4302, -21.2760



33.7448, 64.1984, -27.8786



35.0439, 8.3373, 21.7390



22.6184, 1.4648, -0.2833



24.7521, 47.1259, -20.7280



2.0582, 3.9838, -2.2294

Previews

White Background



This preview shows how the HunterLab color 37.4687, -15.1928, -14.0358 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 37.4687, -15.1928, -14.0358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

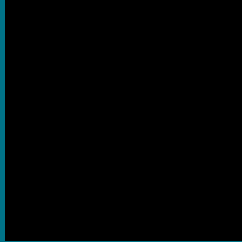
Any Text WCAG AA × Fail

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 37.4687, -15.1928, -14.0358 Background



This preview shows how black text looks on a background with the HunterLab color 37.4687, -15.1928, -14.0358.



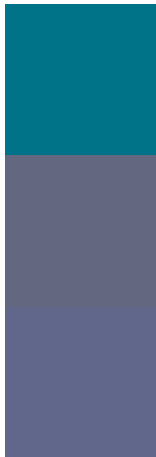
This preview shows how white text looks on a background with the HunterLab color 37.4687, -15.1928, -14.0358.

-15.1928, -14.0358.

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

37.4687, -15.1928, -14.0358

Protanopia

37.2983, 1.2119, -9.4590

Deuteranopia

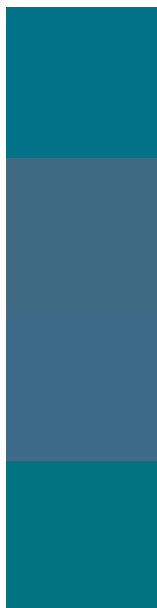
37.4852, 2.6593, -15.4898



Tritanopia

37.3784, -17.9102, -8.0569

Trichromacy



Original Color

37.4687, -15.1928, -14.0358

Protanomaly

36.3467, -7.5997, -12.7634

Deuteranomaly

36.5273, -6.4077, -16.6329

Tritanomaly

37.5177, -17.0895, -10.0025

Monochromacy



Original Color

37.4687, -15.1928, -14.0358

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

31.4652, -9.9151, -4.4712

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4687, -15.1928, -14.0358 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, 136)` looks like.

```
.text, #text, p{  
  color:rgb(0, 115, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 115, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4687, -15.1928, -14.0358 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, 136) }
```


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

```
.border{ border-color:rgb(0, 115, 136) }
```

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, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 115, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 115, 136);  
box-shadow:4px 4px 4px 4px rgb(0, 115,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4687, -15.1928, -14.0358 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, 136) }
```

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

```
.background{ background-color: rgb(0, 115,  
136) }
```

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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