

Converting Colors

HunterLab(37.4352, -16.1260,
-10.7028)

Have a look what the booklet for
HunterLab(37.4352, -16.1260,
-10.7028) contains.

HunterLab(37.3614, -16.0484, -10.7736)	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(37.3614,
-16.0484, -10.7736)**

Conversions

Conversions Part 1

Format	Color
Hex	0D7382
RGB	13, 115, 130
RGB Percent	5%, 45%, 51%
CMY	0.9490, 0.5490, 0.4902
CMYK	0.90, 0.12, 0.00, 0.49
HSL	188°, 82%, 28%
HSV	188°, 90%, 51%
XYZ	10.3260, 13.9587, 23.2692
YIQ	86.2120, -65.6070, -16.9590

Conversions

Conversions Part 2

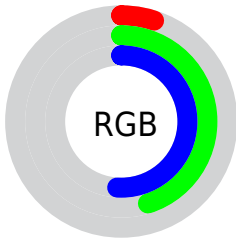
Format	Color
RYB	13, 67, 130
Decimal	881538
CIELab	44.17, -20.79, -15.83
CIELCh	44, 26.127, 217.280
Yxy	13.9592, 0.2171, 0.2935
Android (android.graphics.Color)	4279071618 (0xFF0D7382)
YUV	86.2120, 21.5875, -64.2069
Hunter-Lab	37.3614, -16.0484, -10.7736

Details

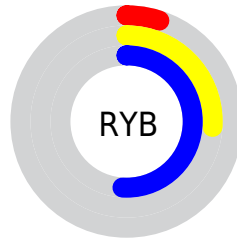
The HunterLab color **37.3614, -16.0484, -10.7736** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **23.6774, 31.6490, 14.1892**, and the grayscale version is **30.5259, -1.6288, 1.6585**.

A 20% lighter version of the original color is **57.3944, -19.5098, -11.2548**, and **21.4672, -8.5285, -8.4215** is the 20% darker color. If you saturate the color by 10%, you get **36.7382, -15.8405, -11.7230**, and if you desaturate by 10%, it is **38.0486, -16.0196, -9.7447**.

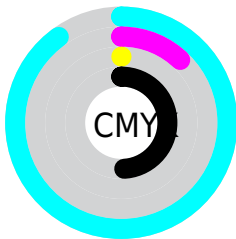
Distribution



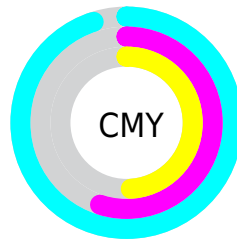
- Red (5%)
- Green (45%)
- Blue (51%)



- Red (5%)
- Yellow (26%)
- Blue (51%)



- Cyan (90%)
- Magenta (12%)
- Yellow (0%)
- Black (49%)



- Cyan (95%)
- Magenta (55%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.3614, -16.0484, -10.7736 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 37.3614, -16.0484, -10.7736 by changing the saturation by 10% instead.

37.3614, -16.0484,
-10.7736

37.3614, -16.0484,
-10.7736

147.3014,
-31.1809, -10.5061

28.4470, -14.1422,
-10.4865

57.4602, -19.6252,
-11.1269

20.3816, -12.1072,
-10.1266

68.5391, -21.3388,
-11.2028

13.2670, -9.8685,
-9.7125

80.2506, -23.0203,
-11.2176

6.7981, -11.8966,
-10.6283

92.5623, -24.6780,
-11.1754

0.0000, NaN, -NF

0.0000, NaN, NaN

105.4462,
-26.3186, -11.0800

0.0000, NaN, NaN

118.8780,

0.0000, NaN, NaN

-27.9468, -10.9348

0.0000, NaN, NaN

132.8361,
-29.5666, -10.7426

■ 37.3614, -16.0484,
-10.7736

■ 37.3614, -16.0484,
-10.7736

■ 36.7382, -15.8405,
-11.7230

■ 38.0486, -16.0196,
-9.7447

■ 36.7374, -15.8402,
-11.7241

■ 38.8321, -15.6245,
-8.5910

■ 39.7185, -14.8454,
-7.3115

■ 40.7111, -13.6785,
-5.9109

■ 41.8108, -12.1310,
-4.3972

■ 43.0169, -10.2182,
-2.7809

■ 44.3274, -7.9614,
-1.0732

■ 45.7393, -5.3856,
0.7139

■ 47.2491, -2.5175,
2.5692

Harmonies

Analogous

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



37.3621, -19.1614, -0.3500



37.3614, -16.0484, -10.7736



37.3621, -9.1098, -18.9813

Triad

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



37.3621, -16.0483, -10.7730



37.3621, 17.3663, -5.7108



37.3621, -4.3922, 15.9698

Complementary

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



37.3614, -16.0484, -10.7736



23.6774, 31.6490, 14.1892

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.



37.3621, 5.6943, 15.2399



37.3614, -16.0484, -10.7736



37.3621, 18.9675, 4.2700

Square

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



37.3621, -16.0483, -10.7730



37.3621, 10.3297, -15.5647



37.3621, 14.5005, 11.4732



37.3621, -12.9049, 13.8216

Rectangle

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



37.3614, -16.0484, -10.7736



37.3621, -2.9001, -21.1305



37.3621, 14.5005, 11.4732



37.3621, -1.0823, 16.0408

Sweetspot

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



37.3621, -16.0483, -10.7730



57.4864, -12.8886, -3.1622



40.1606, -33.1997, 22.6647



27.1272, -6.5038, -1.7976



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



37.3621, -16.0483, -10.7730



48.5997, -20.8245, -15.7912



21.7011, 8.9201, -44.1722



21.8993, -2.4524, 0.4199



35.9828, -15.5229, -11.4658

0.0000, NaN, NaN

Inverse Universe

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



25.0439, 44.8730, -22.1828



32.3352, 61.8627, -29.3969



33.6105, 7.7776, 20.1742



20.9839, 1.3466, -0.3057



23.8780, 45.7122, -21.9381

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 37.3614, -16.0484, -10.7736 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 37.3614, -16.0484, -10.7736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

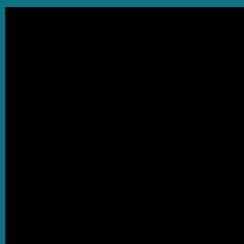
Any Text WCAG AA × Fail

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 37.3614, -16.0484, -10.7736 Background



This preview shows how black text looks on a background with the HunterLab color 37.3614, -16.0484, -10.7736.



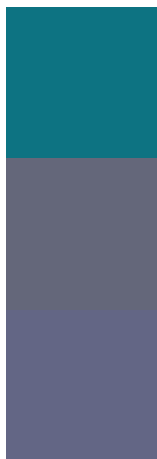
This preview shows how white text looks on a background with the HunterLab color 37.3614, -16.0484, -10.7736.

-16.0484, -10.7736.

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

37.3614, -16.0484, -10.7736

Protanopia

37.1685, 0.3580, -6.4615

Deuteranopia

37.2140, 2.6539, -12.3764



Tritanopia

37.3784, -17.9102, -8.0569

Trichromacy



Original Color

37.3614, -16.0484, -10.7736

Protanomaly

36.3662, -7.9635, -9.3630

Deuteranomaly

36.6200, -6.5360, -12.8930

Tritanomaly

37.4905, -17.3356, -8.9558

Monochromacy



Original Color

37.3614, -16.0484, -10.7736

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

32.3087, -9.7084, -3.3295

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.3614, -16.0484, -10.7736 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(13, 115, 130)` looks like.

```
.text, #text, p{  
    color:rgb(13, 115, 130)  
}
```

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(13, 115, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 115, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 37.3614, -16.0484, -10.7736 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(13, 115, 130) }
```


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

```
.border{ border-color:rgb(13, 115, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 115, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 115, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 115, 130);  
box-shadow:4px 4px 4px 4px rgb(13, 115,  
130) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.3614, -16.0484, -10.7736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 115, 130) }
```

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

```
.background{ background-color: rgb(13, 115,  
130) }
```

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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