

Converting Colors

HunterLab(37.4448, -16.3621,
-5.8027)

Have a look what the booklet for
HunterLab(37.4448, -16.3621,
-5.8027) contains.

HunterLab(37.4393, -16.3661, -5.8631)	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(37.4393,
-16.3661, -5.8631)**

Conversions

Conversions Part 1

Format	Color
Hex	247379
RGB	36, 115, 121
RGB Percent	14%, 45%, 47%
CMY	0.8588, 0.5490, 0.5255
CMYK	0.70, 0.05, 0.00, 0.53
HSL	184°, 54%, 31%
HSV	184°, 70%, 47%
XYZ	10.3095, 14.0170, 20.2513
YIQ	92.0630, -49.0100, -14.8820

Conversions

Conversions Part 2

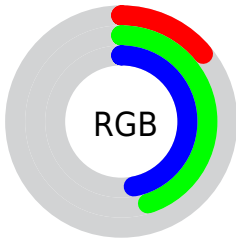
Format	Color
R_{YB}	36, 77, 121
Decimal	2388857
CIE _{Lab}	44.26, -21.28, -10.27
CIE _{LCh}	44, 23.626, 205.768
Yxy	14.0175, 0.2313, 0.3144
Android (android.graphics.Color)	4280578937 (0xFF247379)
YUV	92.0630, 14.2659, -49.1673
Hunter-Lab	37.4393, -16.3661, -5.8631

Details

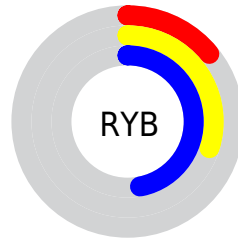
The HunterLab color **37.4393, -16.3661, -5.8631** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **24.1839, 24.3419, 11.2352**, and the grayscale version is **32.7006, -1.7448, 1.7767**.

A 20% lighter version of the original color is **57.4754, -19.9039, -5.7157**, and **20.9224, -9.7330, -5.1405** is the 20% darker color. If you saturate the color by 10%, you get **36.9344, -16.9846, -6.5770**, and if you desaturate by 10%, it is **38.0381, -15.3984, -5.0266**.

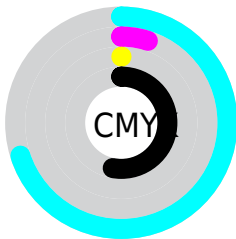
Distribution



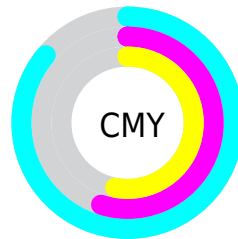
- Red (14%)
- Green (45%)
- Blue (47%)



- Red (14%)
- Yellow (30%)
- Blue (47%)



- Cyan (70%)
- Magenta (5%)
- Yellow (0%)
- Black (53%)



- Cyan (86%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4393, -16.3661, -5.8631 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 37.4393, -16.3661, -5.8631 by changing the saturation by 10% instead.

37.4393, -16.3661,
-5.8631

37.4393, -16.3661,
-5.8631

147.4245,
-31.7235, -3.7498

28.5182, -14.4251,
-5.8010

57.5501, -20.0041,
-5.7697

20.4453, -12.3509,
-5.6562

68.6344, -21.7450,
-5.6291

13.3222, -10.0669,
-5.4203

80.3511, -23.4521,
-5.4331

6.8658, -12.0152,
-6.0466

92.6677, -25.1341,
-5.1859

0.0000, NaN, -NF

0.0000, NaN, NaN

105.5563,
-26.7977, -4.8911

0.0000, NaN, NaN

118.9926,

0.0000, NaN, NaN

-28.4480, -4.5518

0.0000, NaN, NaN

132.9550,
-30.0889, -4.1706

■ 37.4393, -16.3661,
-5.8631

■ 37.4393, -16.3661,
-5.8631

■ 36.9344, -16.9846,
-6.5770

■ 38.0381, -15.3984,
-5.0266

■ 36.5146, -17.2740,
-7.1746

■ 38.7332, -14.0732,
-4.0691

■ 36.1535, -17.3698,
-7.6922

■ 39.5277, -12.3926,
-2.9936

■ 40.4223, -10.3670,
-1.8064

■ 41.4165, -8.0130,
-0.5156

■ 42.5088, -5.3520,
0.8695

■ 43.6968, -2.4083,
2.3390

■ 44.9773, 0.7926,
3.8828

■ 46.3468, 4.2246,
5.4915

Harmonies

Analogous

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



37.4400, -17.7657, 3.2344



37.4393, -16.3661, -5.8631



37.4400, -11.2604, -14.3188

Triad

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



37.4400, -16.3662, -5.8625



37.4400, 13.4363, -8.4752



37.4400, -0.7120, 15.0349

Complementary

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



37.4393, -16.3661, -5.8631



24.1839, 24.3419, 11.2352

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.



37.4400, 8.2589, 13.2683



37.4393, -16.3661, -5.8631



37.4400, 16.9026, 0.8007

Square

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



37.4400, -16.3662, -5.8625



37.4400, 5.8379, -16.0604



37.4400, 14.9243, 8.5211



37.4400, -9.2413, 14.0541

Rectangle

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



37.4393, -16.3661, -5.8631



37.4400, -6.1666, -17.7274



37.4400, 14.9243, 8.5211



37.4400, 2.3578, 14.7570

Sweetspot

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



37.4400, -16.3662, -5.8625



55.2447, -11.1499, -0.9185



37.7027, -28.2120, 19.3419



26.2750, -5.6700, -0.6220



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



37.4400, -16.3662, -5.8625



49.0826, -23.0059, -9.2877



25.4937, 1.2528, -26.3390



21.1337, -2.4895, 0.5137



37.4171, -17.9702, -7.9756



81.4022, -38.8537, -17.8718

Inverse Universe

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



25.6221, 36.0505, -21.1145



31.8566, 55.6277, -32.1032



32.4952, 5.6850, 17.0768



20.1814, 1.3254, -0.4154



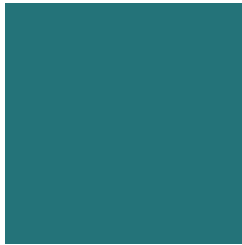
23.7070, 45.9306, -26.0110



51.7267, 100.1380, -56.1438

Previews

White Background



This preview shows how the HunterLab color 37.4393, -16.3661, -5.8631 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 37.4393, -16.3661, -5.8631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

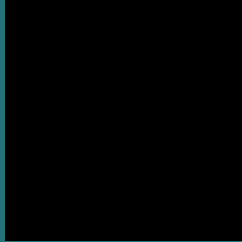
Any Text WCAG AA × Fail

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 37.4393, -16.3661, -5.8631 Background



This preview shows how black text looks on a background with the HunterLab color 37.4393, -16.3661, -5.8631.



This preview shows how white text looks on a background with the HunterLab color 37.4393,

-16.3661, -5.8631.

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

37.4393, -16.3661, -5.8631

Protanopia

37.1470, -0.2276, -2.5233

Deuteranopia

37.3647, 2.5208, -7.1900



Tritanopia

37.5883, -15.5932, -7.1895

Trichromacy



Original Color

37.4393, -16.3661, -5.8631

Protanomaly

36.6906, -7.3219, -4.7153

Deuteranomaly

36.9472, -6.0011, -7.4091

Tritanomaly

37.5298, -15.8850, -6.7563

Monochromacy



Original Color

37.4393, -16.3661, -5.8631

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

33.8694, -8.2667, -1.7376

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4393, -16.3661, -5.8631 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(36, 115, 121)` looks like.

```
.text, #text, p{  
    color:rgb(36, 115, 121)  
}
```

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(36, 115, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 115, 121) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4393, -16.3661, -5.8631 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(36, 115, 121) }
```


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

```
.border{ border-color:rgb(36, 115, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 115, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 115, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 115, 121);  
box-shadow:4px 4px 4px 4px rgb(36, 115,  
121) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4393, -16.3661, -5.8631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 115, 121) }
```

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

```
.background{ background-color: rgb(36, 115,  
121) }
```

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