

Converting Colors

HunterLab(21.3754, -3.7080,
-16.2733)

Have a look what the booklet for
HunterLab(21.3754, -3.7080,
-16.2733) contains.

HunterLab(21.3736, -3.7068, -16.2702)	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(21.3736, -3.7068,
-16.2702)**

Conversions

Conversions Part 1

Format	Color
Hex	0E405E
RGB	14, 64, 94
RGB Percent	5%, 25%, 37%
CMY	0.9451, 0.7490, 0.6314
CMYK	0.85, 0.32, 0.00, 0.63
HSL	203°, 74%, 21%
HSV	203°, 85%, 37%
XYZ	4.0349, 4.5683, 11.2588
YIQ	52.4700, -39.4300, -1.2700

Conversions

Conversions Part 2

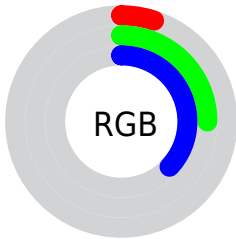
Format	Color
RYB	14, 45, 94
Decimal	933982
CIELab	25.47, -4.32, -22.38
CIElCh	25, 22.789, 259.078
Yxy	4.5685, 0.2031, 0.2300
Android (android.graphics.Color)	4279124062 (0xFF0E405E)
YUV	52.4700, 20.4743, -33.7382
Hunter-Lab	21.3736, -3.7068, -16.2702

Details

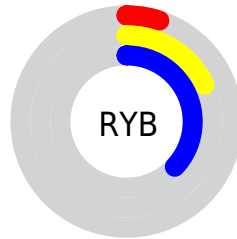
The HunterLab color **21.3736, -3.7068, -16.2702** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **20.5262, 12.7461, 11.6706**, and the grayscale version is **18.6329, -0.9942, 1.0124**.

A 20% lighter version of the original color is **38.7432, -5.2457, -17.2130**, and **8.8725, 0.9783, -13.2017** is the 20% darker color. If you saturate the color by 10%, you get **20.2969, -2.8136, -18.4765**, and if you desaturate by 10%, it is **22.5218, -4.3681, -14.0769**.

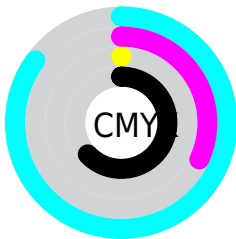
Distribution



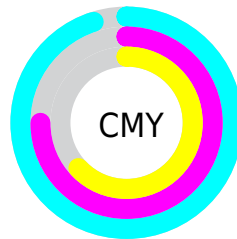
- Red (5%)
- Green (25%)
- Blue (37%)



- Red (5%)
- Yellow (18%)
- Blue (37%)



- Cyan (85%)
- Magenta (32%)
- Yellow (0%)
- Black (63%)



- Cyan (95%)
- Magenta (75%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.3736, -3.7068, -16.2702 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 21.3736, -3.7068, -16.2702 by changing the saturation by 10% instead.

■ 21.3736, -3.7068,
-16.2702

■ 21.3736, -3.7068,
-16.2702

■ 120.6546,
-11.0879, -18.8524

■ 14.1293, -2.9718,
-15.8112

■ 38.5734, -5.2079,
-17.2384

■ 7.7805, -2.8337,
-16.2806

■ 48.3595, -5.9848,
-17.6512

0.0000, NaN, -NF

■ 58.8565, -6.7819,
-18.0017

0.0000, NaN, NaN

■ 70.0193, -7.6002,
-18.2891

0.0000, NaN, NaN

■ 81.8102, -8.4399,
-18.5151

0.0000, NaN, NaN

■ 94.1975, -9.3012,

0.0000, NaN, NaN

0.0000, NaN, NaN

-18.6825

0.0000, NaN, NaN

107.1536,
-10.1839, -18.7940

21.3736, -3.7068,
-16.2702

21.3736, -3.7068,
-16.2702

20.2969, -2.8136,
-18.4765

22.5218, -4.3681,
-14.0769

19.7743, -2.3662,
-19.6082

23.7515, -4.7555,
-11.8826

25.0593, -4.8819,
-9.6994

26.4407, -4.7659,
-7.5371

27.8908, -4.4281,
-5.4030

■ 29.4048, -3.8897,
-3.3015

■ 30.9781, -3.1708,
-1.2350

■ 32.6064, -2.2906,
0.7958

■ 34.2855, -1.2661,
2.7914

Harmonies

Analogous

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



21.3740, -9.4894, -11.4004



21.3736, -3.7068, -16.2702



21.3740, 3.5836, -15.4398

Triad

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



21.3740, -3.7066, -16.2698



21.3740, 13.6098, 5.0425



21.3740, -10.6449, 8.1273

Complementary

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



21.3736, -3.7068, -16.2702



20.5262, 12.7461, 11.6706

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.



21.3740, -5.4890, 10.2540



21.3736, -3.7068, -16.2702



21.3740, 8.7237, 8.9248

Square

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



21.3740, -3.7066, -16.2698



21.3740, 14.2536, -1.4905



21.3740, 1.5503, 10.4872



21.3740, -13.1269, 3.5154

Rectangle

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



21.3736, -3.7068, -16.2702



21.3740, 8.3236, -11.8227



21.3740, 1.5503, 10.4872



21.3740, -9.2013, 9.0807

Sweetspot

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



21.3740, -3.7066, -16.2698



38.5620, -5.2863, -4.8405



28.7677, -21.6384, 12.5701



18.6612, -2.6696, -2.6646



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



21.3740, -3.7066, -16.2698



25.7929, -2.5312, -26.7747



12.5814, 14.0514, -41.9059



15.7765, -1.2988, 0.0236



23.0579, -2.4596, -23.5108



52.3162, -3.0772, -58.7480

Inverse Universe

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



17.5047, 27.4781, -5.1621



21.6693, 39.5493, -4.9122



29.4097, -4.0380, 17.2133



15.3920, 0.7102, 0.2501



19.2780, 35.2127, -4.5853



44.9168, 81.6965, -7.9912

Previews

White Background



This preview shows how the HunterLab color 21.3736, -3.7068, -16.2702 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 21.3736, -3.7068, -16.2702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

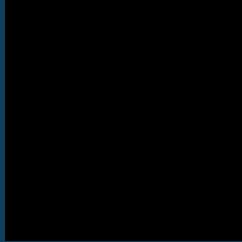
Any Text WCAG AA × Fail

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 21.3736, -3.7068, -16.2702 Background



This preview shows how black text looks on a background with the HunterLab color 21.3736, -3.7068, -16.2702.



This preview shows how white text looks on a background with the HunterLab color 21.3736, -3.7068, -16.2702.

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

21.3736, -3.7068, -16.2702

Protanopia

21.3172, 2.2583, -13.7283

Deuteranopia

21.3312, 1.4669, -16.9224



Tritanopia

21.1712, -10.2646, -4.3037

Trichromacy



Original Color

21.3736, -3.7068, -16.2702

Protanomaly

21.1805, -0.6586, -14.6661

Deuteranomaly

21.1442, -0.4488, -17.3371

Tritanomaly

21.2318, -8.0770, -8.2520

Monochromacy



Original Color

21.3736, -3.7068, -16.2702

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

19.0936, -3.2492, -4.7808

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.3736, -3.7068, -16.2702 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(14, 64, 94)` looks like.

```
.text, #text, p{  
    color:rgb(14, 64, 94)  
}
```

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(14, 64, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 64, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 21.3736, -3.7068, -16.2702 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(14, 64, 94) }
```


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

```
.border{ border-color:rgb(14, 64, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 64, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 64, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 64, 94);  
box-shadow:4px 4px 4px 4px rgb(14, 64, 94)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.3736, -3.7068, -16.2702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 64, 94) }
```

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

```
.background{ background-color: rgb(14, 64,  
94) }
```

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