

Converting Colors

HunterLab(16.2409, 0.3681,
-16.9904)

Have a look what the booklet for
HunterLab(16.2409, 0.3681,
-16.9904) contains.

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Color

**HunterLab(16.2409, 0.3681,
-16.9904)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 112E4F |
| RGB | 17, 46, 79 |
| RGB Percent | 7%, 18%, 31% |
| CMY | 0.9333, 0.8196, 0.6902 |
| CMYK | 0.78, 0.42, 0.00, 0.69 |
| HSL | 212°, 65%, 19% |
| HSV | 212°, 78%, 31% |
| XYZ | 2.6194, 2.6377, 7.7682 |
| YIQ | 41.0910, -27.8770, 4.1150 |

Conversions

Conversions Part 2

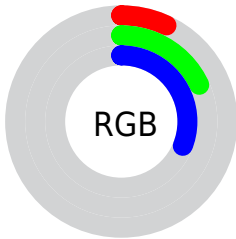
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 17, 37, 79 |
| Decimal | 1125967 |
| CIE _{Lab} | 18.53, 2.19, -23.41 |
| CIE _{LCh} | 19, 23.517, 275.350 |
| Yxy | 2.6378, 0.2011, 0.2025 |
| Android (android.graphics.Color) | 4279316047 (0xFF112E4F) |
| YUV | 41.0910, 18.6891, -21.1278 |
| Hunter-Lab | 16.2409, 0.3681, -16.9904 |

Details

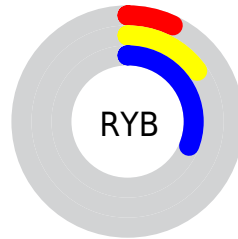
The HunterLab color **16.2409, 0.3681, -16.9904** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **19.9607, 5.0103, 10.8117**, and the grayscale version is **14.8687, -0.7934, 0.8078**.

A 20% lighter version of the original color is **32.1028, -0.0679, -17.9367**, and **3.9863, 6.9248, -19.9312** is the 20% darker color. If you saturate the color by 10%, you get **15.0490, 1.4906, -19.8443**, and if you desaturate by 10%, it is **17.5180, -0.5031, -14.2503**.

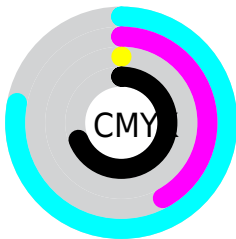
Distribution



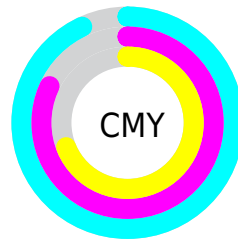
- Red (7%)
- Green (18%)
- Blue (31%)



- Red (7%)
- Yellow (15%)
- Blue (31%)



- Cyan (78%)
- Magenta (42%)
- Yellow (0%)
- Black (69%)



- Cyan (93%)
- Magenta (82%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.2409, 0.3681, -16.9904 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 16.2409, 0.3681, -16.9904 by changing the saturation by 10% instead.

■ 16.2409, 0.3681,
-16.9904

■ 16.2409, 0.3681,
-16.9904

■ 111.2312, -3.6189,
-20.0934

■ 9.7246, 0.5284,
-16.7352

■ 32.2309, -0.1768,
-17.9846

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 41.4916, -0.5382,
-18.4617

0.0000, NaN, NaN

■ 51.5008, -0.9494,
-18.8841

0.0000, NaN, NaN

■ 62.2061, -1.4057,
-19.2456

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.5649, -1.9034,
-19.5454

0.0000, NaN, NaN

■ 85.5416, -2.4398,

0.0000, NaN, NaN

-19.7850

■ 98.1058, -3.0123,
-19.9668

■ 16.2409, 0.3681,
-16.9904

■ 16.2409, 0.3681,
-16.9904

■ 15.0490, 1.4906,
-19.8443

■ 17.5180, -0.5031,
-14.2503

■ 13.9013, 2.7207,
-22.9360

■ 18.8715, -1.1437,
-11.6317

■ 13.7277, 2.9092,
-23.4385

■ 20.2940, -1.5781,
-9.1339

■ 21.7782, -1.8309,
-6.7509

■ 23.3179, -1.9249,
-4.4740

■ 24.9079, -1.8804,
-2.2929

■ 26.5433, -1.7152,
-0.1973

■ 28.2202, -1.4445,
1.8226

■ 29.9351, -1.0813,
3.7760

Harmonies

Analogous

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



16.2412, -5.9640, -14.9481



16.2409, 0.3681, -16.9904



16.2412, 7.4013, -12.8660

Triad

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



16.2412, 0.3683, -16.9900



16.2412, 11.2178, 6.5549



16.2412, -11.1154, 5.2593

Complementary

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



16.2409, 0.3681, -16.9904



19.9607, 5.0103, 10.8117

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.



16.2412, -7.7546, 8.1102



16.2409, 0.3681, -16.9904



16.2412, 4.9471, 8.6698

Square

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



16.2412, 0.3683, -16.9900



16.2412, 14.2902, 2.0003



16.2412, -2.0674, 9.1907



16.2412, -11.9334, -0.3176

Rectangle

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



16.2409, 0.3681, -16.9904



16.2412, 11.3345, -7.8858



16.2412, -2.0674, 9.1907



16.2412, -10.2761, 6.4806

Sweetspot

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



16.2412, 0.3683, -16.9900



31.1424, -2.5078, -4.7860



24.3583, -16.3751, 7.6405



15.3457, -1.2536, -2.6667



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



16.2412, 0.3683, -16.9900



18.3394, 3.5016, -29.2772



10.4618, 13.4605, -35.2397



13.2803, -0.8604, -0.1132



17.4622, 4.6383, -31.8391



40.3380, 15.7246, -84.3640

Inverse Universe

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



15.0352, 20.2052, -0.5747



17.8783, 30.0424, 1.1696



26.9273, -7.1078, 15.3000



13.0921, 0.4653, 0.4389



17.4235, 31.0491, 1.8720



42.2008, 74.8026, 7.6387

Previews

White Background



This preview shows how the HunterLab color 16.2409, 0.3681, -16.9904 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 16.2409, 0.3681, -16.9904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

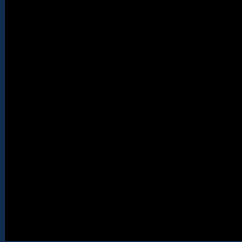
Any Text WCAG AA × Fail

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 16.2409, 0.3681, -16.9904 Background



This preview shows how black text looks on a background with the HunterLab color 16.2409, 0.3681, -16.9904.



This preview shows how white text looks on a background with the HunterLab color 16.2409, 0.3681, -16.9904.

-16.9904.

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

16.2409, 0.3681, -16.9904

Protanopia

16.2126, 2.5142, -15.6425

Deuteranopia

16.2699, 0.4667, -16.9226



Tritanopia

15.9610, -7.7293, -3.2645

Trichromacy



Original Color

16.2409, 0.3681, -16.9904

Protanomaly

16.2679, 1.5908, -16.2173

Deuteranomaly

16.2699, 0.4667, -16.9226

Tritanomaly

16.1066, -5.2391, -7.4777

Monochromacy



Original Color

16.2409, 0.3681, -16.9904

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.2009, -1.3648, -4.7550

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.2409, 0.3681, -16.9904 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(17, 46, 79)` looks like.

```
.text, #text, p{  
    color:rgb(17, 46, 79)  
}
```

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(17, 46, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 46, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 16.2409, 0.3681, -16.9904 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(17, 46, 79) }
```


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

```
.border{ border-color:rgb(17, 46, 79) }
```

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

Here you see how a box with a 4 pixel rgb(17, 46, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 46, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 46, 79);  
box-shadow:4px 4px 4px 4px rgb(17, 46, 79)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.2409, 0.3681, -16.9904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 46, 79) }
```

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

```
.background{ background-color: rgb(17, 46,  
79) }
```

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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