

Converting Colors

HunterLab(16.4962, 2.5404,
-26.1029)

Have a look what the booklet for
HunterLab(16.4962, 2.5404,
-26.1029) contains.

HunterLab(16.5127, 2.5460, -26.1356)	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(16.5127, 2.5460,
-26.1356)**

Conversions

Conversions Part 1	
Format	Color
Hex	002E5C
RGB	0, 46, 92
RGB Percent	0%, 18%, 36%
CMY	1.0000, 0.8196, 0.6392
CMYK	1.00, 0.50, 0.00, 0.64
HSL	210°, 100%, 18%
HSV	210°, 100%, 36%
XYZ	2.9088, 2.7267, 10.4982
YIQ	37.4900, -42.1820, 4.5540

Conversions

Conversions Part 2

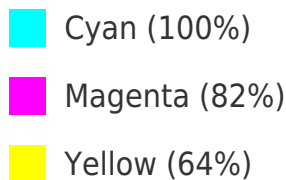
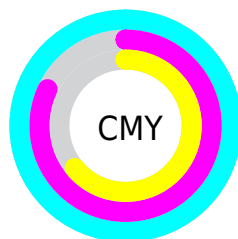
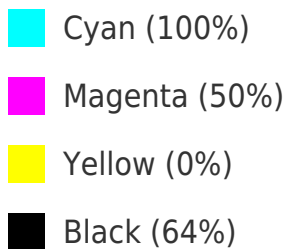
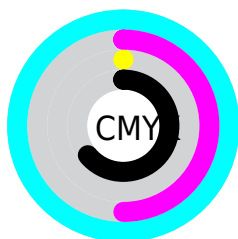
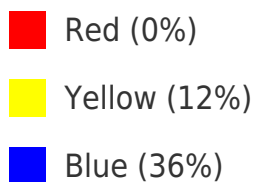
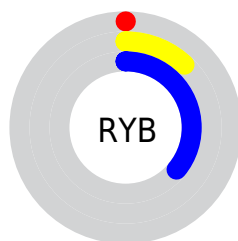
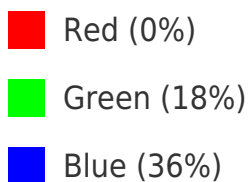
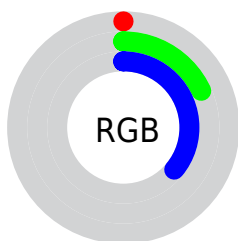
Format	Color
RYB	0, 31, 92
Decimal	11868
CIELab	18.91, 5.90, -31.51
CIELCh	19, 32.061, 280.612
Yxy	2.7268, 0.1803, 0.1690
Android (android.graphics.Color)	4278201948 (0xFF002E5C)
YUV	37.4900, 26.8734, -32.8787
Hunter-Lab	16.5127, 2.5460, -26.1356

Details

The HunterLab color **16.5127, 2.5460, -26.1356** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **20.5668, 10.7967, 12.8615**, and the grayscale version is **13.6856, -0.7302, 0.7436**.

A 20% lighter version of the original color is **32.5410, 2.7287, -27.2485**, and **5.1223, 9.3554, -26.5981** is the 20% darker color. If you saturate the color by 10%, you get **16.5119, 2.5477, -26.1382**, and if you desaturate by 10%, it is **17.7905, 1.1088, -22.7623**.

Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.5127, 2.5460, -26.1356 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 16.5127, 2.5460, -26.1356 by changing the saturation by 10% instead.

16.5127, 2.5460,
-26.1356

16.5127, 2.5460,
-26.1356

111.7463, 0.3372,
-30.4422

9.9539, 2.4098,
-26.5113

32.5720, 2.4997,
-26.9856

0.0000, INF, -NF

0.0000, NaN, -NF

41.8627, 2.3558,
-27.5789

0.0000, NaN, NaN

51.8995, 2.1469,
-28.1669

0.0000, NaN, NaN

0.0000, NaN, NaN

62.6306, 1.8806,
-28.7215

0.0000, NaN, NaN

74.0138, 1.5624,
-29.2302

0.0000, NaN, NaN

86.0136, 1.1968,


0.0000, NaN, NaN

-29.6874


 98.5998, 0.7874,
-30.0914


 16.5127, 2.5460,
-26.1356


 16.5127, 2.5460,
-26.1356


 16.5119, 2.5477,
-26.1382

 17.7905, 1.1088,
-22.7623

 19.1227, -0.1905,
-19.6134

 20.5549, -1.1872,
-16.5610

 22.0788, -1.9014,
-13.6186

 23.6860, -2.3599,
-10.7914

■ 25.3682, -2.5909,
-8.0781

■ 27.1184, -2.6217,
-5.4729

■ 28.9301, -2.4769,
-2.9677

■ 30.7976, -2.1784,
-0.5534

Harmonies

Analogous

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



16.5129, -6.4153, -24.5912



16.5127, 2.5460, -26.1356



16.5129, 12.4640, -17.9632

Triad

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



16.5129, 2.5465, -26.1352



16.5129, 15.0269, 8.6115



16.5129, -14.6049, 5.6122

Complementary

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



16.5127, 2.5460, -26.1356



20.5668, 10.7967, 12.8615

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.



16.5129, -10.9955, 9.4823



16.5127, 2.5460, -26.1356



16.5129, 5.4920, 10.9644

Square

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



16.5129, 2.5465, -26.1352



16.5129, 20.6590, 3.7380



16.5129, -4.0517, 11.2831



16.5129, -15.0529, -2.5556

Rectangle

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



16.5127, 2.5460, -26.1356



16.5129, 17.7940, -9.8340



16.5129, -4.0517, 11.2831



16.5129, -13.7662, 7.2629

Sweetspot

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



16.5129, 2.5465, -26.1352



35.6508, -3.4751, -7.5653



28.0208, -21.5138, 11.4196



17.5231, -1.7435, -4.2665



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.



16.5129, 2.5465, -26.1352



21.3911, 4.2281, -35.8642



8.7916, 23.8399, -62.4491



15.6408, -1.0763, -0.1401



19.5794, 3.5989, -32.2416



43.8333, 12.2832, -81.3038

Inverse Universe

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



15.7250, 28.1811, 0.4372



20.7551, 37.1115, 1.2585



31.5114, -8.4636, 19.2686



15.3780, 0.6349, 0.4492



18.8857, 33.7938, 0.9524



43.9907, 78.3394, 5.1399

Previews

White Background



This preview shows how the HunterLab color 16.5127, 2.5460, -26.1356 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 16.5127, 2.5460, -26.1356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

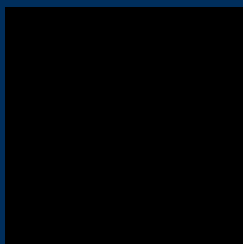
Any Text WCAG AA × Fail

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 16.5127, 2.5460, -26.1356 Background



This preview shows how black text looks on a background with the HunterLab color 16.5127, 2.5460, -26.1356.



This preview shows how white text looks on a background with the HunterLab color 16.5127, 2.5460, -26.1356.

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

16.5127, 2.5460, -26.1356

Protanopia

16.6450, 4.0649, -24.9277

Deuteranopia

16.5482, -0.7169, -19.1364



Tritanopia

16.5282, -8.2151, -2.9249

Trichromacy



Original Color

16.5127, 2.5460, -26.1356

Protanomaly

16.4629, 3.4827, -25.4400

Deuteranomaly

16.4466, 0.4814, -21.5960

Tritanomaly

16.4273, -5.0164, -9.7037

Monochromacy



Original Color

16.5127, 2.5460, -26.1356

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

14.1675, -1.1821, -7.4902

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5127, 2.5460, -26.1356 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, 46, 92)` looks like.

```
.text, #text, p{  
    color:rgb(0, 46, 92)  
}
```

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, 46, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 46, 92) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5127, 2.5460, -26.1356 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, 46, 92) }
```


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

```
.border{ border-color:rgb(0, 46, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 46, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 46, 92); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 46, 92); box-shadow:4px  
4px 4px 4px rgb(0, 46, 92) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.5127, 2.5460, -26.1356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 46, 92) }
```

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

```
.background{ background-color: rgb(0, 46,  
92) }
```

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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