

Converting Colors

HunterLab(16.3034, -6.3474,
-12.9615)

Have a look what the booklet for
HunterLab(16.3034, -6.3474,
-12.9615) contains.

HunterLab(16.8781, -4.2981, -11.8177)	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(16.8781, -4.2981,
-11.8177)**

Conversions

Conversions Part 1

Format	Color
Hex	003349
RGB	0, 51, 73
RGB Percent	0%, 20%, 29%
CMY	1.0000, 0.8000, 0.7137
CMYK	1.00, 0.30, 0.00, 0.71
HSL	198°, 100%, 14%
HSV	198°, 100%, 29%
XYZ	2.3864, 2.8487, 6.7274
YIQ	38.2590, -37.4580, -3.9700

Conversions

Conversions Part 2

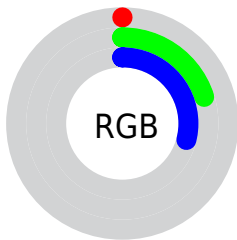
Format	Color
RYB	0, 30, 73
Decimal	13129
CIELab	19.43, -6.29, -17.98
CIELCh	19, 19.054, 250.714
Yxy	2.8488, 0.1995, 0.2381
Android (android.graphics.Color)	4278203209 (0xFF003349)
YUV	38.2590, 17.1273, -33.5531
Hunter-Lab	16.8781, -4.2981, -11.8177

Details

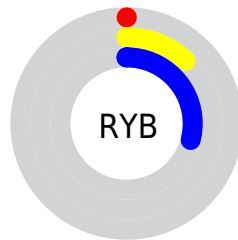
The HunterLab color **16.8781, -4.2981, -11.8177** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14.1086, 13.7050, 8.9329**, and the grayscale version is **13.9613, -0.7449, 0.7585**.

A 20% lighter version of the original color is **32.9914, -5.8419, -12.8626**, and **3.7034, 5.8603, -17.2797** is the 20% darker color. If you saturate the color by 10%, you get **16.8778, -4.2977, -11.8184**, and if you desaturate by 10%, it is **17.5862, -4.6260, -10.4957**.

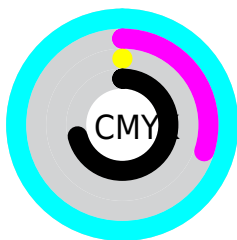
Distribution



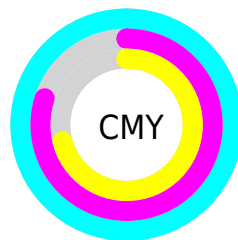
- Red (0%)
- Green (20%)
- Blue (29%)



- Red (0%)
- Yellow (12%)
- Blue (29%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (80%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.8781, -4.2981, -11.8177 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 16.8781, -4.2981, -11.8177 by changing the saturation by 10% instead.

■ 16.8781, -4.2981,
-11.8177

■ 16.8781, -4.2981,
-11.8177

■ 112.4357,
-12.5895, -13.5366

■ 10.2631, -3.3786,
-11.3971

■ 33.0298, -6.0768,
-12.6479

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 42.3601, -6.9671,
-12.9693

0.0000, NaN, NaN

■ 52.4337, -7.8670,
-13.2206

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.1993, -8.7797,
-13.4041

0.0000, NaN, NaN

■ 74.6150, -9.7072,
-13.5236

0.0000, NaN, NaN

■ 86.6455, -10.6509,

0.0000, NaN, NaN

-13.5831

■ 99.2611, -11.6115,
-13.5863

■ 16.8781, -4.2981,
-11.8177

■ 16.8781, -4.2981,
-11.8177

■ 16.8778, -4.2977,
-11.8184

■ 17.5862, -4.6260,
-10.4957

■ 18.3029, -4.9319,
-9.2274

■ 19.0699, -5.0626,
-7.9358

■ 19.8902, -5.0078,
-6.6211

■ 20.7622, -4.7759,
-5.2905

■ 21.6836, -4.3780,
-3.9509

■ 22.6520, -3.8263,
-2.6076

■ 23.6648, -3.1339,
-1.2654

■ 24.7193, -2.3132,
0.0725

Harmonies

Analogous

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



16.8784, -8.2820, -7.1773



16.8781, -4.2981, -11.8177



16.8784, 1.1377, -12.4845

Triad

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



16.8784, -4.2979, -11.8174



16.8784, 10.9745, 2.7065



16.8784, -7.3396, 6.9642

Complementary

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



16.8781, -4.2981, -11.8177



14.1086, 13.7050, 8.9329

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.



16.8784, -2.8483, 8.1806



16.8781, -4.2981, -11.8177



16.8784, 8.0158, 6.3083

Square

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



16.8784, -4.2979, -11.8174



16.8784, 10.4541, -2.8080



16.8784, 2.7867, 7.9875



16.8784, -9.8741, 3.9515

Rectangle

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



16.8781, -4.2981, -11.8177



16.8784, 4.9295, -10.4086



16.8784, 2.7867, 7.9875



16.8784, -6.0347, 7.5443

Sweetspot

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



16.8784, -4.2979, -11.8174



29.3275, -5.0704, -3.5928



21.9608, -17.8953, 11.1826



15.0013, -2.7035, -2.0489



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



16.8784, -4.2979, -11.8174



21.6814, -5.1813, -15.9149



9.0092, 11.3375, -35.7330



12.7074, -1.1167, 0.1348



22.8575, -5.3955, -16.9225



54.9410, -11.0922, -44.7265

Inverse Universe

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



12.8671, 23.8905, -6.0852



16.7050, 30.9563, -7.4111



21.1737, -0.9631, 13.0298



12.3647, 0.5209, 0.1430



17.6456, 32.6873, -7.7343



43.3709, 80.0095, -16.4353

Previews

White Background



This preview shows how the HunterLab color 16.8781, -4.2981, -11.8177 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

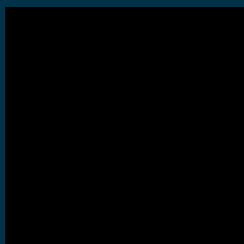
Any Text WCAG AA × Fail

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 16.8781, -4.2981, -11.8177 Background



This preview shows how black text looks on a background with the HunterLab color 16.8781, -4.2981, -11.8177.



This preview shows how white text looks on a background with the HunterLab color 16.8781, -4.2981, -11.8177.

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

16.8781, -4.2981, -11.8177

Protanopia

17.1066, 1.3368, -9.5184

Deuteranopia

17.1709, 0.6454, -11.7781



Tritanopia

16.8571, -8.1988, -3.3710

Trichromacy



Original Color

16.8781, -4.2981, -11.8177

Protanomaly

16.6599, -1.3490, -10.9730

Deuteranomaly

16.9163, -1.4802, -12.3089

Tritanomaly

16.7776, -6.7503, -6.3985

Monochromacy



Original Color

16.8781, -4.2981, -11.8177

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

14.7002, -3.4058, -3.6335

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.8781, -4.2981, -11.8177 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, 51, 73)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 73)  
}
```

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, 51, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 16.8781, -4.2981, -11.8177 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, 51, 73) }
```


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

```
.border{ border-color:rgb(0, 51, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 51, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 73); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 51, 73); box-shadow:4px  
4px 4px 4px rgb(0, 51, 73) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.8781, -4.2981, -11.8177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 51, 73) }
```

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

```
.background{ background-color: rgb(0, 51,  
73) }
```

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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