

Converting Colors

HunterLab(16.4863, 0.2826,
-20.1113)

Have a look what the booklet for
HunterLab(16.4863, 0.2826,
-20.1113) contains.

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Color

**HunterLab(16.4481, 0.2929,
-20.0939)**

Conversions

Conversions Part 1

Format	Color
Hex	052F54
RGB	5, 47, 84
RGB Percent	2%, 18%, 33%
CMY	0.9804, 0.8157, 0.6706
CMYK	0.94, 0.44, 0.00, 0.67
HSL	208°, 89%, 17%
HSV	208°, 94%, 33%
XYZ	2.6793, 2.7054, 8.7685
YIQ	38.6600, -36.9090, 2.6030

Conversions

Conversions Part 2

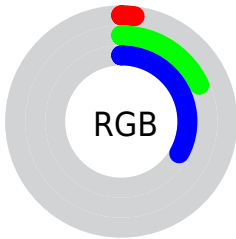
Format	Color
R _{YB}	5, 32, 84
Decimal	339796
CIE _{Lab}	18.82, 2.07, -26.33
CIE _{LCh}	19, 26.409, 274.500
Yxy	2.7055, 0.1893, 0.1912
Android (android.graphics.Color)	4278529876 (0xFF052F54)
YUV	38.6600, 22.3526, -29.5198
Hunter-Lab	16.4481, 0.2929, -20.0939

Details

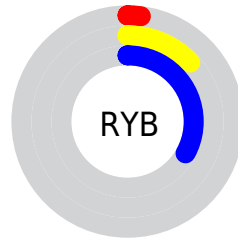
The HunterLab color **16.4481, 0.2929, -20.0939** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **18.8472, 9.7481, 11.3320**, and the grayscale version is **14.0739, -0.7509, 0.7647**.

A 20% lighter version of the original color is **32.3504, -0.0868, -21.4035**, and **4.6001, 7.4236, -21.7751** is the 20% darker color. If you saturate the color by 10%, you get **15.7819, 0.9466, -21.7694**, and if you desaturate by 10%, it is **17.5806, -0.7807, -17.4675**.

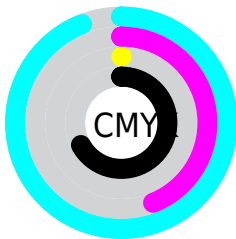
Distribution



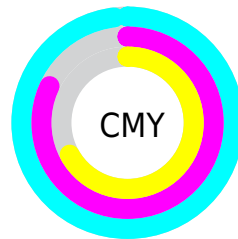
- Red (2%)
- Green (18%)
- Blue (33%)



- Red (2%)
- Yellow (13%)
- Blue (33%)



- Cyan (94%)
- Magenta (44%)
- Yellow (0%)
- Black (67%)



- Cyan (98%)
- Magenta (82%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.4481, 0.2929, -20.0939 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 16.4481, 0.2929, -20.0939 by changing the saturation by 10% instead.

■ 16.4481, 0.2929,
-20.0939

■ 16.4481, 0.2929,
-20.0939

■ 111.6240, -3.7654,
-23.7372

■ 9.8994, 0.4661,
-19.9969

■ 32.4910, -0.2725,
-21.0928

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 41.7746, -0.6426,
-21.6260

0.0000, NaN, NaN

■ 51.8048, -1.0619,
-22.1183

0.0000, NaN, NaN

■ 62.5299, -1.5258,
-22.5571

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.9073, -2.0306,
-22.9381

0.0000, NaN, NaN

■ 85.9016, -2.5737,

0.0000, NaN, NaN

-23.2609

■ 98.4826, -3.1526,
-23.5266

■ 16.4481, 0.2929,
-20.0939

■ 16.4481, 0.2929,
-20.0939

■ 15.7819, 0.9466,
-21.7694

■ 17.5806, -0.7807,
-17.4675

■ 18.7843, -1.6384,
-14.9282

■ 20.0675, -2.2457,
-12.4551

■ 21.4241, -2.6222,
-10.0567

■ 22.8476, -2.7904,
-7.7362

■ 24.3322, -2.7726,
-5.4931

■ 25.8725, -2.5902,
-3.3240

■ 27.4636, -2.2623,
-1.2242

■ 29.1013, -1.8060,
0.8119

Harmonies

Analogous

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



16.4483, -6.7514, -17.4367



16.4481, 0.2929, -20.0939



16.4483, 8.3234, -15.3436

Triad

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



16.4483, 0.2932, -20.0935



16.4483, 13.1055, 7.0187



16.4483, -12.1737, 5.8573

Complementary

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



16.4481, 0.2929, -20.0939



18.8472, 9.7481, 11.3320

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.



16.4483, -8.4176, 8.8198



16.4481, 0.2929, -20.0939



16.4483, 5.9550, 9.3420

Square

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



16.4483, 0.2932, -20.0935



16.4483, 16.5316, 1.9572



16.4483, -2.0184, 9.9698



16.4483, -13.1376, -0.2425

Rectangle

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



16.4481, 0.2929, -20.0939



16.4483, 12.9126, -9.4964



16.4483, -2.0184, 9.9698



16.4483, -11.2344, 7.1306

Sweetspot

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



16.4483, 0.2932, -20.0935



33.1832, -3.5678, -5.7947



25.5720, -19.2825, 10.3692



16.5125, -1.8362, -3.3372



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



16.4483, 0.2932, -20.0935



20.4297, 2.0212, -29.8985



9.1556, 18.0151, -48.3595



14.1089, -1.0122, -0.0629



19.4897, 1.8007, -28.2477



44.8158, 8.0042, -73.2947

Inverse Universe

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



14.8282, 24.8942, -1.1805



18.9764, 34.1232, -0.3381



27.9918, -6.5576, 16.8291



13.8522, 0.5481, 0.3709



18.0486, 32.4680, -0.4245



43.1315, 77.2005, 2.0070

Previews

White Background



This preview shows how the HunterLab color 16.4481, 0.2929, -20.0939 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 16.4481, 0.2929, -20.0939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

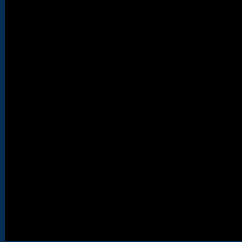
Any Text WCAG AA × Fail

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 16.4481, 0.2929, -20.0939 Background



This preview shows how black text looks on a background with the HunterLab color 16.4481, 0.2929, -20.0939.



This preview shows how white text looks on a background with the HunterLab color 16.4481, 0.2929, -20.0939.

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

16.4481, 0.2929, -20.0939

Protanopia

16.5746, 2.9590, -18.2902

Deuteranopia

16.3497, -0.0432, -20.3423



Tritanopia

16.2588, -7.8853, -3.3000

Trichromacy



Original Color

16.4481, 0.2929, -20.0939

Protanomaly

16.5144, 1.6543, -19.1758

Deuteranomaly

16.3891, 0.0917, -20.2425

Tritanomaly

16.3935, -5.2892, -8.6323

Monochromacy



Original Color

16.4481, 0.2929, -20.0939

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.7132, -1.8535, -5.5314

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.4481, 0.2929, -20.0939 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(5, 47, 84)` looks like.

```
.text, #text, p{  
    color:rgb(5, 47, 84)  
}
```

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(5, 47, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 47, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 16.4481, 0.2929, -20.0939 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(5, 47, 84) }
```


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

```
.border{ border-color:rgb(5, 47, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 47, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 47, 84); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 47, 84); box-shadow:4px  
4px 4px 4px rgb(5, 47, 84) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.4481, 0.2929, -20.0939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 47, 84) }
```

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

```
.background{ background-color: rgb(5, 47,  
84) }
```

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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