

Converting Colors

HunterLab(18.0350, -16.2528,
-28.5213)

Have a look what the booklet for
HunterLab(18.0350, -16.2528,
-28.5213) contains.

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Color

**HunterLab(21.4170, -3.0280,
-20.2329)**

Conversions

Conversions Part 1

Format	Color
Hex	004064
RGB	0, 64, 100
RGB Percent	0%, 25%, 39%
CMY	1.0000, 0.7490, 0.6078
CMYK	1.00, 0.36, 0.00, 0.61
HSL	202°, 100%, 20%
HSV	202°, 100%, 39%
XYZ	4.1336, 4.5869, 12.7241
YIQ	48.9680, -49.7000, -2.3720

Conversions

Conversions Part 2

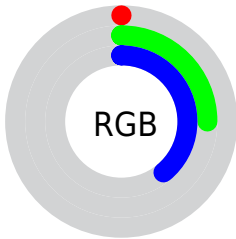
Format	Color
RYB	0, 39, 100
Decimal	16484
CIELab	25.52, -3.15, -26.19
CIELCh	26, 26.376, 263.145
Yxy	4.5870, 0.1928, 0.2139
Android (android.graphics.Color)	4278206564 (0xFF004064)
YUV	48.9680, 25.1588, -42.9449
Hunter-Lab	21.4170, -3.0280, -20.2329

Details

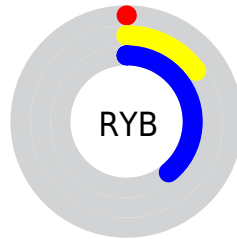
The HunterLab color **21.4170, -3.0280, -20.2329** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **19.9290, 17.8507, 12.5919**, and the grayscale version is **17.4462, -0.9309, 0.9479**.

A 20% lighter version of the original color is **38.5126, -4.1116, -21.4143**, and **9.1152, 2.2509, -16.2523** is the 20% darker color. If you saturate the color by 10%, you get **21.4163, -3.0268, -20.2346**, and if you desaturate by 10%, it is **22.5185, -3.9854, -17.9385**.

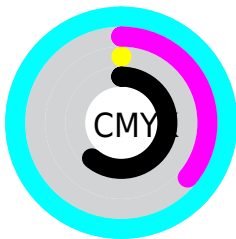
Distribution



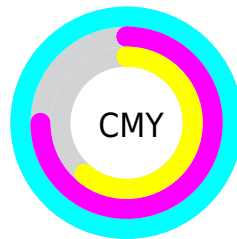
- Red (0%)
- Green (25%)
- Blue (39%)



- Red (0%)
- Yellow (15%)
- Blue (39%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (61%)



- Cyan (100%)
- Magenta (75%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4170, -3.0280, -20.2329 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 21.4170, -3.0280, -20.2329 by changing the saturation by 10% instead.

■ 21.4170, -3.0280,
-20.2329

■ 21.4170, -3.0280,
-20.2329

■ 120.7318, -9.8417,
-23.6685

■ 14.1671, -2.3888,
-19.8405

■ 38.6262, -4.3692,
-21.2997

■ 7.8203, -2.1717,
-20.6955

■ 48.4164, -5.0766,
-21.8046

0.0000, NaN, -NF

■ 58.9173, -5.8093,
-22.2583

0.0000, NaN, -NF

■ 70.0837, -6.5670,
-22.6548

0.0000, NaN, NaN

■ 81.8781, -7.3496,
-22.9928

0.0000, NaN, NaN

■ 94.2686, -8.1565,

0.0000, NaN, NaN

0.0000, NaN, NaN

-23.2731

0.0000, NaN, NaN

■ 107.2278, -8.9874,
-23.4976

■ 21.4170, -3.0280,
-20.2329

■ 21.4170, -3.0280,
-20.2329

■ 21.4163, -3.0268,
-20.2346

■ 22.5185, -3.9854,
-17.9385

■ 23.6665, -4.7985,
-15.7055

■ 24.9029, -5.3138,
-13.4531

■ 26.2249, -5.5397,
-11.1954

■ 27.6285, -5.4923,
-8.9448

■ 29.1090, -5.1923,
-6.7115

■ 30.6612, -4.6617,
-4.5025

■ 32.2803, -3.9229,
-2.3225

■ 33.9614, -2.9970,
-0.1742

Harmonies

Analogous

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



21.4173, -9.9524, -15.0203



21.4170, -3.0280, -20.2329



21.4173, 5.5431, -18.1829

Triad

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



21.4173, -3.0277, -20.2324



21.4173, 15.7190, 6.3445



21.4173, -12.5416, 8.4552

Complementary

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



21.4170, -3.0280, -20.2329



19.9290, 17.8507, 12.5919

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.



21.4173, -7.0995, 10.9946



21.4170, -3.0280, -20.2329



21.4173, 9.3678, 10.1430

Square

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



21.4173, -3.0277, -20.2324



21.4173, 17.2526, -0.7394



21.4173, 0.8073, 11.4649



21.4173, -14.8734, 2.9106

Rectangle

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



21.4170, -3.0280, -20.2329



21.4173, 10.9857, -13.2492



21.4173, 0.8073, 11.4649



21.4173, -11.0595, 9.5869

Sweetspot

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



21.4173, -3.0277, -20.2324



40.4111, -6.2462, -6.2194



30.3905, -24.6335, 15.1921



19.7356, -3.2144, -3.5195



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



21.4173, -3.0277, -20.2324



27.9903, -3.4281, -27.5851



11.2340, 19.6077, -56.3660



17.4008, -1.4730, 0.0250



24.6064, -3.2247, -23.7945



54.6622, -4.9055, -57.7334

Inverse Universe

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



17.5491, 32.1598, -5.0111



23.1902, 42.4221, -6.0089



30.3424, -3.0700, 18.6426



16.9503, 0.8360, 0.2319



20.2849, 37.1385, -5.4968



46.1402, 84.1478, -9.9623

Previews

White Background



This preview shows how the HunterLab color 21.4170, -3.0280, -20.2329 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 21.4170, -3.0280, -20.2329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

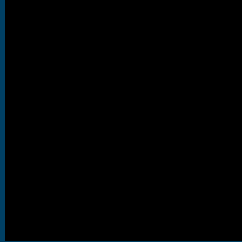
Any Text WCAG AA × Fail

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 21.4170, -3.0280, -20.2329 Background



This preview shows how black text looks on a background with the HunterLab color 21.4170, -3.0280, -20.2329.



This preview shows how white text looks on a background with the HunterLab color 21.4170, -3.0280, -20.2329.

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

21.4170, -3.0280, -20.2329

Protanopia

21.6347, 2.5632, -16.9513

Deuteranopia

21.5276, 1.3873, -20.6191



Tritanopia

21.4832, -10.4281, -4.3408

Trichromacy



Original Color

21.4170, -3.0280, -20.2329

Protanomaly

21.1579, -0.2275, -18.6581

Deuteranomaly

21.3434, -0.5321, -21.0590

Tritanomaly

21.5380, -8.1169, -9.3985

Monochromacy



Original Color

21.4170, -3.0280, -20.2329

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

18.2948, -3.4514, -6.5107

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4170, -3.0280, -20.2329 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, 64, 100)` looks like.

```
.text, #text, p{  
    color:rgb(0, 64, 100)  
}
```

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, 64, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 64, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4170, -3.0280, -20.2329 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, 64, 100) }
```


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

```
.border{ border-color:rgb(0, 64, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 64, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 64, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 64, 100);  
box-shadow:4px 4px 4px 4px rgb(0, 64, 100)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.4170, -3.0280, -20.2329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 64, 100) }
```

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

```
.background{ background-color: rgb(0, 64,  
100) }
```

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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