

Converting Colors

HunterLab(19.0675, -11.0244,
-26.5507)

Have a look what the booklet for
HunterLab(19.0675, -11.0244,
-26.5507) contains.

HunterLab(21.2005, -2.3575, -21.4096)	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(21.2005, -2.3575,
-21.4096)**

Conversions

Conversions Part 1

Format	Color
Hex	003F65
RGB	0, 63, 101
RGB Percent	0%, 25%, 40%
CMY	1.0000, 0.7529, 0.6039
CMYK	1.00, 0.38, 0.00, 0.60
HSL	203°, 100%, 20%
HSV	203°, 100%, 40%
XYZ	4.1265, 4.4946, 12.9620
YIQ	48.4950, -49.7460, -1.5380

Conversions

Conversions Part 2

Format	Color
RYB	0, 39, 101
Decimal	16229
CIELab	25.24, -2.04, -27.28
CIELCh	25, 27.353, 265.720
Yxy	4.4948, 0.1912, 0.2082
Android (android.graphics.Color)	4278206309 (0xFF003F65)
YUV	48.4950, 25.8850, -42.5301
Hunter-Lab	21.2005, -2.3575, -21.4096

Details

The HunterLab color **21.2005, -2.3575, -21.4096** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **20.3804, 17.4135, 12.8623**, and the grayscale version is **17.2864, -0.9224, 0.9392**.

A 20% lighter version of the original color is **38.2724, -3.4199, -22.4954**, and **8.9592, 2.9305, -17.5243** is the 20% darker color. If you saturate the color by 10%, you get **21.1997, -2.3561, -21.4117**, and if you desaturate by 10%, it is **22.3507, -3.4077, -18.9476**.

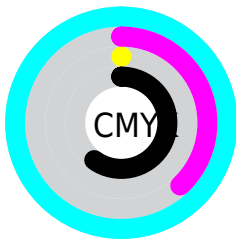
Distribution



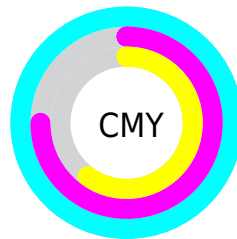
- Red (0%)
- Green (25%)
- Blue (40%)



- Red (0%)
- Yellow (15%)
- Blue (40%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (75%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2005, -2.3575, -21.4096 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 21.2005, -2.3575, -21.4096 by changing the saturation by 10% instead.

■ 21.2005, -2.3575,
-21.4096

■ 21.2005, -2.3575,
-21.4096

■ 120.3460, -8.6299,
-25.0668

■ 13.9785, -1.8087,
-21.0595

■ 38.3626, -3.5471,
-22.4883

■ 7.6193, -1.5743,
-22.3051

■ 48.1321, -4.1883,
-23.0164

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 58.6137, -4.8594,
-23.4979

0.0000, NaN, NaN

■ 69.7620, -5.5593,
-23.9246

0.0000, NaN, NaN

■ 81.5392, -6.2872,
-24.2941

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.9134, -7.0421,

-24.6067

0.0000, NaN, NaN

106.8570, -7.8233,
-24.8636

21.2005, -2.3575,
-21.4096

21.2005, -2.3575,
-21.4096

21.1997, -2.3561,
-21.4117

22.3507, -3.4077,
-18.9476

23.5510, -4.3049,
-16.5592

24.8429, -4.8965,
-14.1616

26.2231, -5.1925,
-11.7696

27.6870, -5.2108,
-9.3961

■ 29.2293, -4.9733,
-7.0504

■ 30.8445, -4.5034,
-4.7391

■ 32.5274, -3.8242,
-2.4658

■ 34.2729, -2.9577,
-0.2321

Harmonies

Analogous

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



21.2008, -9.6965, -16.4835



21.2005, -2.3575, -21.4096



21.2008, 6.5647, -18.5752

Triad

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



21.2008, -2.3571, -21.4091



21.2008, 15.9945, 6.9276



21.2008, -13.1809, 8.2615

Complementary

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



21.2005, -2.3575, -21.4096



20.3804, 17.4135, 12.8623

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.



21.2008, -7.8672, 11.0216



21.2005, -2.3575, -21.4096



21.2008, 9.0525, 10.4959

Square

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



21.2008, -2.3571, -21.4091



21.2008, 18.0941, -0.0587



21.2008, 0.1209, 11.6348



21.2008, -15.2783, 2.2991

Rectangle

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



21.2005, -2.3575, -21.4096



21.2008, 12.1116, -13.0986



21.2008, 0.1209, 11.6348



21.2008, -11.7576, 9.4844

Sweetspot

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



21.2008, -2.3571, -21.4091



40.2305, -5.9639, -6.4649



30.7268, -24.7928, 15.1160



19.6372, -3.0614, -3.6557



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.



21.2008, -2.3571, -21.4091



27.4138, -2.5012, -28.8655



11.1347, 20.5788, -58.3379



17.3809, -1.4404, 0.0010



24.1076, -2.4272, -24.8928



53.4703, -2.9480, -60.4693

Inverse Universe

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



17.6800, 32.3043, -4.3107



23.1206, 42.1716, -5.0361



31.0968, -3.7993, 19.0946



16.9482, 0.8248, 0.2614



20.2243, 36.9207, -4.6515



45.9990, 83.6389, -7.9832

Previews

White Background



This preview shows how the HunterLab color 21.2005, -2.3575, -21.4096 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 21.2005, -2.3575, -21.4096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

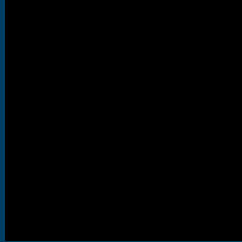
Any Text WCAG AA × Fail

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 21.2005, -2.3575, -21.4096 Background



This preview shows how black text looks on a background with the HunterLab color 21.2005, -2.3575, -21.4096.



This preview shows how white text looks on a background with the HunterLab color 21.2005, -2.3575,

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

21.2005, -2.3575, -21.4096

Protanopia

21.3281, 2.8801, -18.2459

Deuteranopia

21.4566, 1.2402, -21.4919



Tritanopia

21.1712, -10.2646, -4.3037

Trichromacy



Original Color

21.2005, -2.3575, -21.4096

Protanomaly

20.9160, 0.3257, -19.8615

Deuteranomaly

21.3384, -0.4568, -21.7869

Tritanomaly

21.2626, -7.7467, -9.8535

Monochromacy



Original Color

21.2005, -2.3575, -21.4096

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

18.0077, -3.2501, -6.4444

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2005, -2.3575, -21.4096 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, 63, 101)` looks like.

```
.text, #text, p{  
    color:rgb(0, 63, 101)  
}
```

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, 63, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 63, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2005, -2.3575, -21.4096 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, 63, 101) }
```


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

```
.border{ border-color:rgb(0, 63, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 63, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 63, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 63, 101);  
box-shadow:4px 4px 4px 4px rgb(0, 63, 101)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.2005, -2.3575, -21.4096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 63, 101) }
```

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

```
.background{ background-color: rgb(0, 63,  
101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor