

Converting Colors

HunterLab(20.4762, -6.3901,
-12.3772)

Have a look what the booklet for
HunterLab(20.4762, -6.3901,
-12.3772) contains.

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Color

**HunterLab(20.5205, -6.1858,
-12.2954)**

Conversions

Conversions Part 1

Format	Color
Hex	003F55
RGB	0, 63, 85
RGB Percent	0%, 25%, 33%
CMY	1.0000, 0.7529, 0.6667
CMYK	1.00, 0.26, 0.00, 0.67
HSL	196°, 100%, 17%
HSV	196°, 100%, 33%
XYZ	3.4172, 4.2109, 9.2270
YIQ	46.6710, -44.6100, -6.5140

Conversions

Conversions Part 2

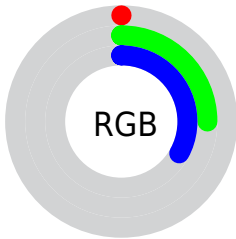
Format	Color
RYB	0, 36, 85
Decimal	16213
CIELab	24.36, -8.93, -18.27
CIELCh	24, 20.331, 243.955
Yxy	4.2111, 0.2027, 0.2498
Android (android.graphics.Color)	4278206293 (0xFF003F55)
YUV	46.6710, 18.8962, -40.9305
Hunter-Lab	20.5205, -6.1858, -12.2954

Details

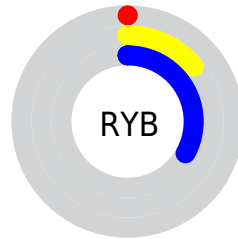
The HunterLab color **20.5205, -6.1858, -12.2954** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15.8285, 17.7857, 10.0640**, and the grayscale version is **16.7019, -0.8912, 0.9074**.

A 20% lighter version of the original color is **37.6496, -8.4840, -13.0457**, and **8.3038, -0.5340, -9.2262** is the 20% darker color. If you saturate the color by 10%, you get **20.5202, -6.1853, -12.2962**, and if you desaturate by 10%, it is **21.2474, -6.5353, -11.0044**.

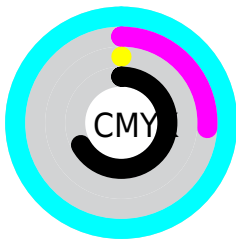
Distribution



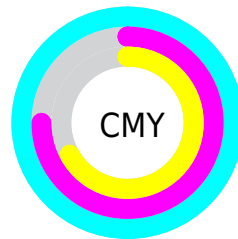
- Red (0%)
- Green (25%)
- Blue (33%)



- Red (0%)
- Yellow (14%)
- Blue (33%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (75%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5205, -6.1858, -12.2954 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 20.5205, -6.1858, -12.2954 by changing the saturation by 10% instead.

■ 20.5205, -6.1858,
-12.2954

■ 20.5205, -6.1858,
-12.2954

■ 119.1285,
-15.8436, -13.8321

■ 13.3877, -5.0538,
-11.8456

■ 37.5325, -8.3372,
-13.0871

■ 6.9453, -5.9717,
-12.7961

■ 47.2363, -9.3937,
-13.3832

0.0000, NaN, -NF

■ 57.6568, -10.4496,
-13.6102

0.0000, NaN, NaN

■ 68.7476, -11.5096,
-13.7714

0.0000, NaN, NaN

■ 80.4704, -12.5770,
-13.8705

0.0000, NaN, NaN

■ 92.7928, -13.6542,

0.0000, NaN, NaN

0.0000, NaN, NaN

-13.9113

0.0000, NaN, NaN

105.6870,
-14.7427, -13.8974

20.5205, -6.1858,
-12.2954

20.5205, -6.1858,
-12.2954

20.5202, -6.1853,
-12.2962

21.2474, -6.5353,
-11.0044

21.9939, -6.8202,
-9.7353

22.8028, -6.8822,
-8.4161

23.6753, -6.7184,
-7.0520

24.6103, -6.3361,
-5.6515

■ 25.6059, -5.7466,
-4.2226

■ 26.6596, -4.9639,
-2.7731

■ 27.7687, -4.0028,
-1.3095

■ 28.9302, -2.8789,
0.1627

Harmonies

Analogous

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



20.5208, -10.2718, -6.4853



20.5205, -6.1858, -12.2954



20.5208, -0.2472, -14.1730

Triad

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



20.5208, -6.1856, -12.2950



20.5208, 12.5575, 1.9020



20.5208, -7.4790, 8.6034

Complementary

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



20.5205, -6.1858, -12.2954



15.8285, 17.7857, 10.0640

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.



20.5208, -1.9313, 9.6531



20.5205, -6.1858, -12.2954



20.5208, 10.0431, 6.6022

Square

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



20.5208, -6.1856, -12.2950



20.5208, 11.0638, -4.6639



20.5208, 4.5437, 9.0511



20.5208, -10.9524, 5.5896

Rectangle

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



20.5205, -6.1858, -12.2954



20.5208, 4.0994, -12.5813



20.5208, 4.5437, 9.0511



20.5208, -5.8211, 9.1478

Sweetspot

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



20.5208, -6.1856, -12.2950



34.6691, -6.5938, -3.8101



25.5973, -21.1808, 13.7299



17.3677, -3.4790, -2.1752



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.



20.5208, -6.1856, -12.2950



26.5386, -7.7150, -16.5165



10.9622, 11.9608, -39.5194



15.1022, -1.4208, 0.1756



25.9043, -7.5544, -16.0704



60.1659, -16.1387, -40.3634

Inverse Universe

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



15.1340, 28.2861, -8.6032



19.7249, 36.8116, -10.7593



23.6014, 0.7929, 14.5564



14.6356, 0.7196, 0.0703



19.2407, 35.9128, -10.5326



45.4371, 84.5274, -22.6927

Previews

White Background



This preview shows how the HunterLab color 20.5205, -6.1858, -12.2954 looks on a white background.

Color Contrast Check

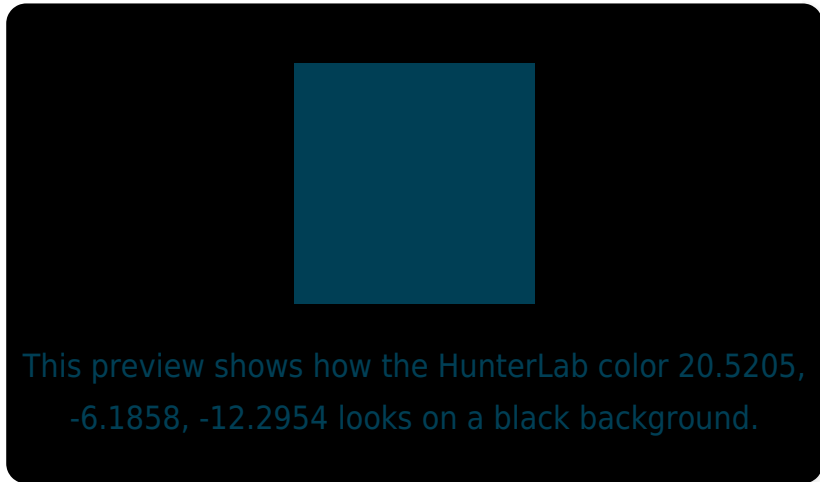
Large Text (above 18pt) WCAG AA ✓ Pass

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

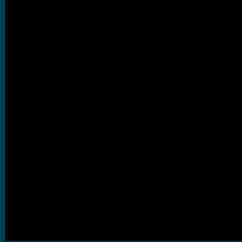
Any Text WCAG AA × Fail

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 20.5205, -6.1858, -12.2954 Background



This preview shows how black text looks on a background with the HunterLab color 20.5205, -6.1858, -12.2954.



This preview shows how white text looks on a background with the HunterLab color 20.5205, -6.1858, -12.2954.

-12.2954.

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

20.5205, -6.1858, -12.2954

Protanopia

20.7942, 1.0669, -9.3640

Deuteranopia

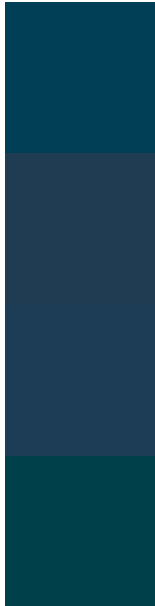
20.6854, 1.0747, -12.4700



Tritanopia

20.5494, -9.9390, -4.2296

Trichromacy



Original Color

20.5205, -6.1858, -12.2954

Protanomaly

20.3666, -2.9110, -10.7397

Deuteranomaly

20.4079, -2.4568, -13.0459

Tritanomaly

20.4323, -8.6448, -6.8770

Monochromacy



Original Color

20.5205, -6.1858, -12.2954

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.7740, -4.4828, -3.8533

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5205, -6.1858, -12.2954 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, 85)` looks like.

```
.text, #text, p{  
    color:rgb(0, 63, 85)  
}
```

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, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 63, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5205, -6.1858, -12.2954 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, 85) }
```


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

```
.border{ border-color:rgb(0, 63, 85) }
```

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, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 63, 85); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 63, 85); box-shadow:4px  
4px 4px 4px rgb(0, 63, 85) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.5205, -6.1858, -12.2954 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, 85) }
```

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

```
.background{ background-color: rgb(0, 63,  
85) }
```

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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