

Converting Colors

HunterLab(21.0201, -3.0920,
-18.9325)

Have a look what the booklet for
HunterLab(21.0201, -3.0920,
-18.9325) contains.

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Color

**HunterLab(21.0805, -3.1458,
-18.8732)**

Conversions

Conversions Part 1

Format	Color
Hex	043F61
RGB	4, 63, 97
RGB Percent	2%, 25%, 38%
CMY	0.9843, 0.7529, 0.6196
CMYK	0.96, 0.35, 0.00, 0.62
HSL	202°, 92%, 20%
HSV	202°, 96%, 38%
XYZ	3.9852, 4.4439, 11.9570
YIQ	49.2350, -46.0780, -1.9340

Conversions

Conversions Part 2

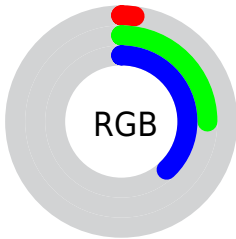
Format	Color
R_{YB}	4, 40, 97
Decimal	278369
CIE _{Lab}	25.09, -3.40, -24.93
CIE _{LCh}	25, 25.164, 262.239
Yxy	4.4440, 0.1955, 0.2180
Android (android.graphics.Color)	4278468449 (0xFF043F61)
YUV	49.2350, 23.5481, -39.6711
Hunter-Lab	21.0805, -3.1458, -18.8732

Details

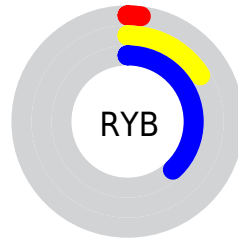
The HunterLab color **21.0805, -3.1458, -18.8732** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **19.8417, 16.0617, 12.1636**, and the grayscale version is **17.5396, -0.9359, 0.9530**.

A 20% lighter version of the original color is **38.1037, -4.3525, -20.1918**, and **8.7557, 1.8817, -15.0059** is the 20% darker color. If you saturate the color by 10%, you get **20.6348, -2.7625, -19.8283**, and if you desaturate by 10%, it is **22.1693, -4.0563, -16.6563**.

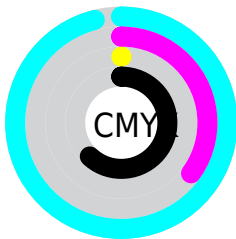
Distribution



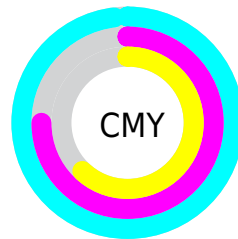
- Red (2%)
- Green (25%)
- Blue (38%)



- Red (2%)
- Yellow (16%)
- Blue (38%)



- Cyan (96%)
- Magenta (35%)
- Yellow (0%)
- Black (62%)



- Cyan (98%)
- Magenta (75%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0805, -3.1458, -18.8732 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 21.0805, -3.1458, -18.8732 by changing the saturation by 10% instead.

■ 21.0805, -3.1458,
-18.8732

■ 21.0805, -3.1458,
-18.8732

■ 120.1319,
-10.0717, -22.0628

■ 13.8741, -2.4868,
-18.4597

■ 38.2163, -4.5193,
-19.9159

■ 7.5053, -2.3739,
-19.5034

■ 47.9743, -5.2405,
-20.3951

0.0000, NaN, -NF

■ 58.4452, -5.9858,
-20.8192

0.0000, NaN, NaN

■ 69.5834, -6.7555,
-21.1839

0.0000, NaN, NaN

■ 81.3511, -7.5492,
-21.4888

0.0000, NaN, NaN

■ 93.7162, -8.3667,

0.0000, NaN, NaN

-21.7354

0.0000, NaN, NaN

106.6511, -9.2077,
-21.9260

21.0805, -3.1458,
-18.8732

21.0805, -3.1458,
-18.8732

20.6348, -2.7625,
-19.8283

22.1693, -4.0563,
-16.6563

23.3284, -4.7359,
-14.4512

24.5720, -5.1306,
-12.2370

25.8968, -5.2527,
-10.0268

27.2983, -5.1203,
-7.8316

■ 28.7717, -4.7543,
-5.6594

■ 30.3121, -4.1765,
-3.5158

■ 31.9147, -3.4079,
-1.4040

■ 33.5750, -2.4684,
0.6745

Harmonies

Analogous

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



21.0808, -9.6729, -13.8386



21.0805, -3.1458, -18.8732



21.0808, 4.9597, -17.1733

Triad

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



21.0808, -3.1455, -18.8727



21.0808, 14.9224, 5.9313



21.0808, -11.8752, 8.2366

Complementary

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



21.0805, -3.1458, -18.8732



19.8417, 16.0617, 12.1636

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.



21.0808, -6.5910, 10.6412



21.0805, -3.1458, -18.8732



21.0808, 9.0456, 9.6943

Square

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



21.0808, -3.1455, -18.8727



21.0808, 16.2060, -0.9064



21.0808, 0.9726, 11.0528



21.0808, -14.2047, 3.0135

Rectangle

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



21.0805, -3.1458, -18.8732



21.0808, 10.1322, -12.6604



21.0808, 0.9726, 11.0528



21.0808, -10.4264, 9.3082

Sweetspot

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



21.0808, -3.1455, -18.8727



38.8738, -5.8002, -5.7140



29.5061, -23.4937, 14.3263



19.0703, -3.0013, -3.2661



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



21.0808, -3.1455, -18.8727



26.6642, -3.0573, -26.7280



11.4898, 17.5425, -50.9714



16.5871, -1.3883, 0.0264



23.8818, -2.9242, -23.5376



53.6187, -4.2086, -57.9335

Inverse Universe

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



17.2838, 30.3816, -4.9500



22.1914, 40.5648, -5.5146



29.5713, -3.1640, 17.9355



16.1682, 0.7737, 0.2385



19.7866, 36.1958, -5.1262



45.5432, 82.9760, -9.1901

Previews

White Background



This preview shows how the HunterLab color 21.0805, -3.1458, -18.8732 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 21.0805, -3.1458, -18.8732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

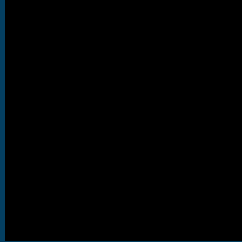
Any Text WCAG AA × Fail

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 21.0805, -3.1458, -18.8732 Background



This preview shows how black text looks on a background with the HunterLab color 21.0805, -3.1458, -18.8732.



This preview shows how white text looks on a background with the HunterLab color 21.0805, -3.1458, -18.8732.

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

21.0805, -3.1458, -18.8732

Protanopia

21.2664, 2.3345, -15.7269

Deuteranopia

21.1864, 1.2419, -19.2607



Tritanopia

21.1406, -10.4456, -3.8748

Trichromacy



Original Color

21.0805, -3.1458, -18.8732

Protanomaly

20.8115, -0.3854, -17.3518

Deuteranomaly

21.0084, -0.6538, -19.6776

Tritanomaly

21.1709, -8.3090, -8.3545

Monochromacy



Original Color

21.0805, -3.1458, -18.8732

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

18.3167, -3.5033, -5.4587

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0805, -3.1458, -18.8732 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(4, 63, 97)` looks like.

```
.text, #text, p{  
    color:rgb(4, 63, 97)  
}
```

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(4, 63, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 63, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0805, -3.1458, -18.8732 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(4, 63, 97) }
```


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

```
.border{ border-color:rgb(4, 63, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 63, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 63, 97); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 63, 97); box-shadow:4px  
4px 4px 4px rgb(4, 63, 97) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.0805, -3.1458, -18.8732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 63, 97) }
```

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

```
.background{ background-color: rgb(4, 63,  
97) }
```

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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