

Converting Colors

HunterLab(20.9981, -2.0057,
-23.8162)

Have a look what the booklet for
HunterLab(20.9981, -2.0057,
-23.8162) contains.

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Color

**HunterLab(21.0825, -1.1537,
-23.8609)**

Conversions

Conversions Part 1

Format	Color
Hex	003E68
RGB	0, 62, 104
RGB Percent	0%, 24%, 41%
CMY	1.0000, 0.7569, 0.5922
CMYK	1.00, 0.40, 0.00, 0.59
HSL	204°, 100%, 20%
HSV	204°, 100%, 41%
XYZ	4.2213, 4.4447, 13.7321
YIQ	48.2500, -50.4340, -0.0820

Conversions

Conversions Part 2

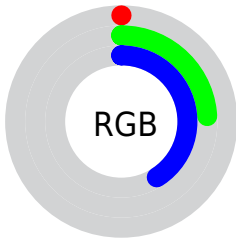
Format	Color
RYB	0, 39, 104
Decimal	15976
CIELab	25.09, -0.04, -29.45
CIELCh	25, 29.452, 269.913
Yxy	4.4449, 0.1885, 0.1984
Android (android.graphics.Color)	4278206056 (0xFF003E68)
YUV	48.2500, 27.4847, -42.3152
Hunter-Lab	21.0825, -1.1537, -23.8609

Details

The HunterLab color **21.0825, -1.1537, -23.8609** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **21.4469, 16.8771, 13.5102**, and the grayscale version is **17.1999, -0.9177, 0.9345**.

A 20% lighter version of the original color is **38.2136, -1.8349, -25.2849**, and **8.8647, 3.8971, -19.4928** is the 20% darker color. If you saturate the color by 10%, you get **21.0816, -1.1521, -23.8632**, and if you desaturate by 10%, it is **22.3307, -2.3967, -21.0550**.

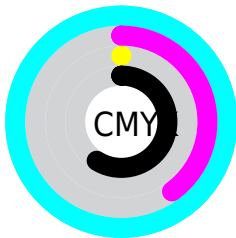
Distribution



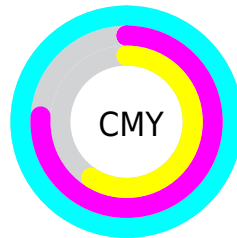
- Red (0%)
- Green (24%)
- Blue (41%)



- Red (0%)
- Yellow (15%)
- Blue (41%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (76%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0825, -1.1537, -23.8609 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 21.0825, -1.1537, -23.8609 by changing the saturation by 10% instead.

■ 21.0825, -1.1537,
-23.8609

■ 21.0825, -1.1537,
-23.8609

■ 120.1354, -6.4652,
-27.9006

■ 13.8758, -0.7648,
-23.6072

■ 38.2187, -2.0745,
-24.9427

■ 7.5072, -0.4270,
-25.3891

■ 47.9769, -2.5983,
-25.5091

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 58.4480, -3.1600,
-26.0392

0.0000, NaN, NaN

■ 69.5864, -3.7572,
-26.5202

0.0000, NaN, NaN

■ 81.3542, -4.3879,
-26.9474

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.7195, -5.0504,

-27.3194

0.0000, NaN, NaN

106.6545, -5.7433,
-27.6367

21.0825, -1.1537,
-23.8609

21.0825, -1.1537,
-23.8609

21.0816, -1.1521,
-23.8632

22.3307, -2.3967,
-21.0550

23.6380, -3.4636,
-18.3451

25.0447, -4.2057,
-15.6462

26.5462, -4.6357,
-12.9748

28.1366, -4.7747,
-10.3437

■ 29.8097, -4.6478,
-7.7616

■ 31.5592, -4.2811,
-5.2331

■ 33.3791, -3.6996,
-2.7601

■ 35.2638, -2.9270,
-0.3418

Harmonies

Analogous

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



21.0828, -9.3464, -19.4556



21.0825, -1.1537, -23.8609



21.0828, 8.5303, -19.5035

Triad

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



21.0828, -1.1533, -23.8604



21.0828, 16.6768, 7.9786



21.0828, -14.4504, 8.0068

Complementary

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



21.0825, -1.1537, -23.8609



21.4469, 16.8771, 13.5102

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.



21.0828, -9.3067, 11.1957



21.0825, -1.1537, -23.8609



21.0828, 8.5857, 11.1851

Square

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



21.0828, -1.1533, -23.8604



21.0828, 19.8489, 1.1217



21.0828, -1.0988, 12.0431



21.0828, -16.1669, 1.1735

Rectangle

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



21.0825, -1.1537, -23.8609



21.0828, 14.3356, -12.9701



21.0828, -1.0988, 12.0431



21.0828, -13.1144, 9.4131

Sweetspot

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



21.0828, -1.1533, -23.8604



41.5997, -5.7235, -7.2147



31.7256, -25.3547, 15.0804



20.1895, -2.9133, -4.0729



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



21.0828, -1.1533, -23.8604



27.5209, -0.8528, -32.5578



11.0704, 22.7399, -62.9229



17.3469, -1.3850, -0.0399



23.2710, -1.0540, -26.8115



51.4750, 0.4261, -65.2590

Inverse Universe

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



18.1414, 32.9818, -3.1389



23.9811, 43.5185, -3.4968



32.9815, -5.3479, 20.2289



16.9447, 0.8060, 0.3113



20.1252, 36.5633, -3.2618



45.7686, 82.8070, -4.7416

Previews

White Background



This preview shows how the HunterLab color 21.0825, -1.1537, -23.8609 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 21.0825, -1.1537, -23.8609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

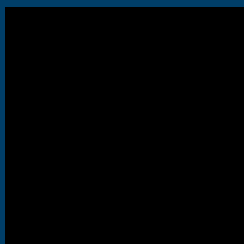
Any Text WCAG AA × Fail

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 21.0825, -1.1537, -23.8609 Background



This preview shows how black text looks on a background with the HunterLab color 21.0825, -1.1537, -23.8609.



This preview shows how white text looks on a background with the HunterLab color 21.0825, -1.1537,

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

21.0825, -1.1537, -23.8609

Protanopia

21.3536, 3.3222, -20.9689

Deuteranopia

21.2865, 0.8538, -23.3471



Tritanopia

21.1406, -10.4456, -3.8748

Trichromacy



Original Color

21.0825, -1.1537, -23.8609

Protanomaly

21.0334, 1.0933, -22.4542

Deuteranomaly

21.0678, 0.1097, -23.8736

Tritanomaly

20.9884, -7.3746, -10.3140

Monochromacy



Original Color

21.0825, -1.1537, -23.8609

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

18.0413, -3.0620, -6.9092

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0825, -1.1537, -23.8609 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, 62, 104)` looks like.

```
.text, #text, p{  
    color:rgb(0, 62, 104)  
}
```

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, 62, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 62, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0825, -1.1537, -23.8609 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, 62, 104) }
```


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

```
.border{ border-color:rgb(0, 62, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 62, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 62, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 62, 104);  
box-shadow:4px 4px 4px 4px rgb(0, 62, 104)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.0825, -1.1537, -23.8609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 62, 104) }
```

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

```
.background{ background-color: rgb(0, 62,  
104) }
```

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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