

Converting Colors

HunterLab(20.0121, -10.6279,
-2.0709)

Have a look what the booklet for
HunterLab(20.0121, -10.6279,
-2.0709) contains.

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Color

**HunterLab(20.0922,
-10.6519, -2.1191)**

Conversions

Conversions Part 1

Format	Color
Hex	004040
RGB	0, 64, 64
RGB Percent	0%, 25%, 25%
CMY	1.0000, 0.7490, 0.7490
CMYK	1.00, 0.00, 0.00, 0.75
HSL	180°, 100%, 13%
HSV	180°, 100%, 25%
XYZ	2.7588, 4.0370, 5.4843
YIQ	44.8640, -38.1440, -13.5680

Conversions

Conversions Part 2

Format	Color
RYB	0, 32, 64
Decimal	16448
CIELab	23.79, -17.86, -5.25
CIELCh	24, 18.617, 196.385
Yxy	4.0371, 0.2247, 0.3287
Android (android.graphics.Color)	4278206528 (0xFF004040)
YUV	44.8640, 9.4340, -39.3457
Hunter-Lab	20.0922, -10.6519, -2.1191

Details

The HunterLab color **20.0922, -10.6519, -2.1191** is a dark color, and the websafe version is hex **003333**, and the color name is **rich black**. A complement of this color would be **10.4409, 17.8783, 6.7459**, and the grayscale version is **16.1339, -0.8609, 0.8766**.

A 20% lighter version of the original color is **36.9973, -13.9779, -2.0130**, and **7.9482, -4.2138, -0.8383** is the 20% darker color. If you saturate the color by 10%, you get **20.0925, -10.6522, -2.1189**, and if you desaturate by 10%, it is **20.1951, -10.2476, -1.9759**.

Distribution



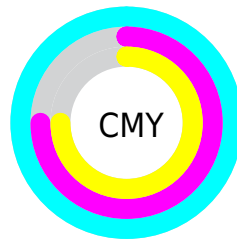
- Red (0%)
- Green (25%)
- Blue (25%)



- Red (0%)
- Yellow (13%)
- Blue (25%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (75%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.0922, -10.6519, -2.1191 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 20.0922, -10.6519, -2.1191 by changing the saturation by 10% instead.

20.0922, -10.6519,
-2.1191

20.0922, -10.6519,
-2.1191

118.3569,
-24.9466, 0.9357

13.0167, -8.6876,
-2.1414

37.0081, -14.1467,
-1.8260

6.4807, -11.3412,
-3.0064

46.6700, -15.7751,
-1.5791

0.0000, NaN, NaN

0.0000, NaN, NaN

57.0514, -17.3573,
-1.2756

0.0000, NaN, NaN

68.1055, -18.9075,
-0.9208

0.0000, NaN, NaN

79.7936, -20.4353,
-0.5191

0.0000, NaN, NaN

0.0000, NaN, NaN

92.0830, -21.9478,

-0.0740

0.0000, NaN, NaN

■ 104.9456,
-23.4502, 0.4118

■ 20.0922, -10.6519,
-2.1191

■ 20.0922, -10.6519,
-2.1191

■ 20.0925, -10.6522,
-2.1189

■ 20.1951, -10.2476,
-1.9759

■ 20.3007, -9.8336,
-1.8296

■ 20.4392, -9.2942,
-1.6388

■ 20.6192, -8.5990,
-1.3928

■ 20.8428, -7.7450,
-1.0905

■ 21.1114, -6.7327,
-0.7318

■ 21.4256, -5.5655,
-0.3180

■ 21.7859, -4.2498,
0.1490

■ 22.1920, -2.7937,
0.6663

Harmonies

Analogous

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



20.0926, -10.7632, 3.4238



20.0922, -10.6519, -2.1191



20.0926, -8.1710, -8.1513

Triad

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



20.0926, -10.6519, -2.1188



20.0926, 7.6112, -7.6384



20.0926, 1.6070, 8.8876

Complementary

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



20.0922, -10.6519, -2.1191



10.4409, 17.8783, 6.7459

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.



20.0926, 7.1712, 7.3349



20.0922, -10.6519, -2.1191



20.0926, 10.8930, -1.5540

Square

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



20.0926, -10.6519, -2.1188



20.0926, 2.1550, -11.9026



20.0926, 10.7234, 3.8502



20.0926, -4.1095, 8.8156

Rectangle

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



20.0922, -10.6519, -2.1191



20.0926, -5.3291, -11.1860



20.0926, 10.7234, 3.8502



20.0926, 3.5694, 8.5625

Sweetspot

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



20.0926, -10.6519, -2.1188



28.1661, -7.5520, -0.4970



19.1672, -16.3431, 11.5243



14.7431, -4.1154, -0.3146



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



20.0926, -10.6519, -2.1188



26.4696, -14.0330, -2.7914



12.0903, 0.5636, -16.3274



12.1665, -1.4079, 0.4068



30.6465, -16.2475, -3.2319



76.7659, -40.6980, -8.0955

Inverse Universe

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



10.4409, 17.8783, 6.7459



13.7541, 23.5543, 8.8875



14.3759, 7.1597, 8.9832



11.5712, 0.1803, 0.8960



15.9245, 27.2712, 10.2900



39.8890, 68.3111, 25.7752

Previews

White Background



This preview shows how the HunterLab color 20.0922, -10.6519, -2.1191 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 20.0922, -10.6519, -2.1191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

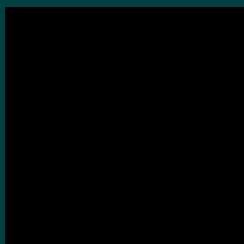
Any Text WCAG AA × Fail

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 20.0922, -10.6519, -2.1191 Background



This preview shows how black text looks on a background with the HunterLab color 20.0922, -10.6519, -2.1191.



This preview shows how white text looks on a background with the HunterLab color 20.0922,

-10.6519, -2.1191.

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

20.0922, -10.6519, -2.1191

Protanopia

20.3036, -0.6633, 0.0157

Deuteranopia

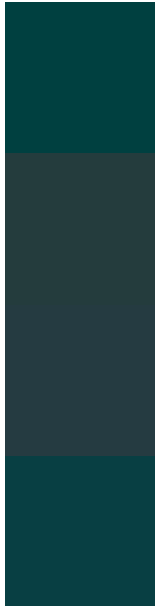
20.3008, 0.8972, -2.5284



Tritanopia

20.1259, -8.8567, -3.8645

Trichromacy



Original Color

20.0922, -10.6519, -2.1191

Protanomaly

19.8588, -6.1181, -1.0512

Deuteranomaly

19.7558, -4.9272, -2.9217

Tritanomaly

20.0297, -9.2901, -3.5392

Monochromacy



Original Color

20.0922, -10.6519, -2.1191

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

17.2195, -5.7269, -0.6759

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.0922, -10.6519, -2.1191 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, 64)` looks like.

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

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, 64) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 20.0922, -10.6519, -2.1191 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, 64) }
```


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

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

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, 64)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to HunterLab 20.0922, -10.6519, -2.1191 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, 64) }
```

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

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

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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