

Converting Colors

HunterLab(20.1677, -6.3456,
-11.1517)

Have a look what the booklet for
HunterLab(20.1677, -6.3456,
-11.1517) contains.

HunterLab(20.1677, -6.3456, -11.1517)	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(20.1677, -6.3456,
-11.1517)**

Conversions

Conversions Part 1

Format	Color
Hex	023E52
RGB	2, 62, 82
RGB Percent	1%, 24%, 32%
CMY	0.9921, 0.7569, 0.6784
CMYK	0.98, 0.24, 0.00, 0.68
HSL	195°, 95%, 16%
HSV	195°, 98%, 32%
XYZ	3.2707, 4.0674, 8.5954
YIQ	46.3400, -42.1800, -6.5000

Conversions

Conversions Part 2

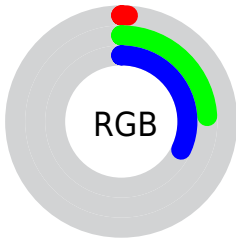
Format	Color
RYB	2, 36, 82
Decimal	147026
CIELab	23.89, -9.32, -17.01
CIELCh	24, 19.400, 241.284
Yxy	4.0675, 0.2053, 0.2553
Android (android.graphics.Color)	4278337106 (0xFF023E52)
YUV	46.3400, 17.5804, -38.8862
Hunter-Lab	20.1677, -6.3456, -11.1517

Details

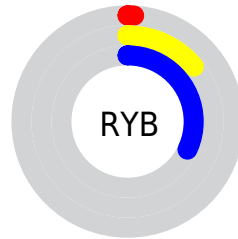
The HunterLab color **20.1677, -6.3456, -11.1517** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15.4023, 16.8270, 9.5636**, and the grayscale version is **16.5959, -0.8855, 0.9017**.

A 20% lighter version of the original color is **37.2120, -8.8897, -11.4384**, and **7.9617, -0.8378, -8.1428** is the 20% darker color. If you saturate the color by 10%, you get **20.0006, -6.2766, -11.4497**, and if you desaturate by 10%, it is **20.8509, -6.6374, -9.9670**.

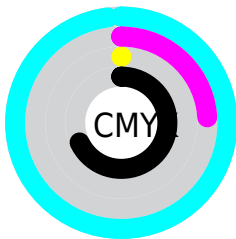
Distribution



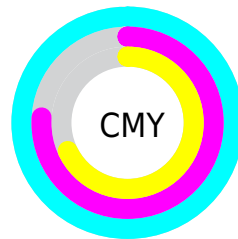
- Red (1%)
- Green (24%)
- Blue (32%)



- Red (1%)
- Yellow (14%)
- Blue (32%)



- Cyan (98%)
- Magenta (24%)
- Yellow (0%)
- Black (68%)



- Cyan (99%)
- Magenta (76%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1677, -6.3456, -11.1517 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 20.1677, -6.3456, -11.1517 by changing the saturation by 10% instead.

■ 20.1677, -6.3456,
-11.1517

■ 20.1677, -6.3456,
-11.1517

■ 118.4932,
-16.2033, -12.3427

■ 13.0820, -5.1755,
-10.7166

■ 37.1006, -8.5564,
-11.8770

■ 6.5652, -6.5374,
-12.0113

■ 46.7699, -9.6378,
-12.1338

0.0000, NaN, -NF

■ 57.1583, -10.7162,
-12.3204

0.0000, NaN, NaN

■ 68.2188, -11.7972,
-12.4409

0.0000, NaN, NaN

■ 79.9131, -12.8842,
-12.4995

0.0000, NaN, NaN

■ 92.2083, -13.9798,

0.0000, NaN, NaN

0.0000, NaN, NaN

-12.5002

0.0000, NaN, NaN

■ 105.0765,
-15.0858, -12.4469

■ 20.1677, -6.3456,
-11.1517

■ 20.1677, -6.3456,
-11.1517

■ 20.0006, -6.2766,
-11.4497

■ 20.8509, -6.6374,
-9.9670

■ 21.5639, -6.8257,
-8.7805

■ 22.3371, -6.7979,
-7.5439

■ 23.1705, -6.5564,
-6.2640

■ 24.0629, -6.1089,
-4.9486

■ 25.0126, -5.4665,
-3.6054

■ 26.0172, -4.6425,
-2.2413

■ 27.0742, -3.6512,
-0.8625

■ 28.1807, -2.5070,
0.5258

Harmonies

Analogous

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



20.1680, -10.0510, -5.5019



20.1677, -6.3456, -11.1517



20.1680, -0.8170, -13.3141

Triad

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



20.1680, -6.3454, -11.1513



20.1680, 11.8562, 1.3431



20.1680, -6.7457, 8.4258

Complementary

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



20.1677, -6.3456, -11.1517



15.4023, 16.8270, 9.5636

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.



20.1680, -1.3361, 9.2981



20.1677, -6.3456, -11.1517



20.1680, 9.8052, 6.0217

Square

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



20.1680, -6.3454, -11.1513



20.1680, 10.1179, -4.9452



20.1680, 4.7943, 8.5668



20.1680, -10.2623, 5.7062

Rectangle

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



20.1677, -6.3456, -11.1517



20.1680, 3.3012, -12.1020



20.1680, 4.7943, 8.5668



20.1680, -5.1113, 8.9017

Sweetspot

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



20.1680, -6.3454, -11.1513



34.0427, -6.4251, -3.4095



24.7094, -20.2165, 13.0500



16.7373, -3.3259, -1.9124



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



20.1680, -6.3454, -11.1513



26.1696, -7.9304, -15.5902



10.9368, 10.8115, -36.3470



14.3166, -1.3511, 0.1859



25.5305, -7.7597, -15.1600



60.0954, -16.9040, -38.6230

Inverse Universe

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



14.7825, 26.9112, -8.6996



19.2769, 36.0416, -11.0268



22.8992, 0.5655, 13.9711



13.8737, 0.6638, 0.0651



18.7938, 35.1431, -10.7875



44.9683, 83.8083, -23.6447

Previews

White Background



This preview shows how the HunterLab color 20.1677, -6.3456, -11.1517 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 20.1677, -6.3456, -11.1517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

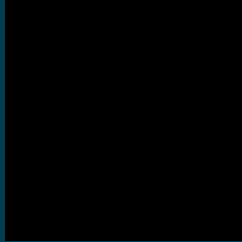
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

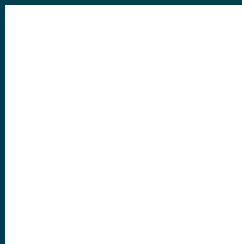
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 20.1677, -6.3456, -11.1517 Background



This preview shows how black text looks on a background with the HunterLab color 20.1677, -6.3456, -11.1517.



This preview shows how white text looks on a background with the HunterLab color 20.1677, -6.3456, -11.1517.

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

20.1677, -6.3456, -11.1517

Protanopia

20.4453, 0.9198, -8.2875

Deuteranopia

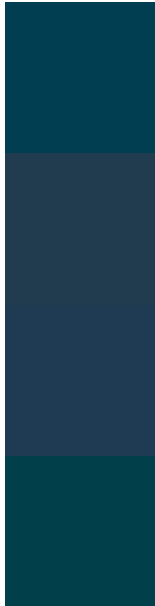
20.3841, 1.0779, -11.2237



Tritanopia

20.2397, -9.7768, -4.1926

Trichromacy



Original Color

20.1677, -6.3456, -11.1517

Protanomaly

20.0394, -2.9803, -9.5897

Deuteranomaly

20.1091, -2.4331, -11.7801

Tritanomaly

20.1392, -8.4228, -6.8107

Monochromacy



Original Color

20.1677, -6.3456, -11.1517

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.4579, -4.4495, -3.3727

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.1677, -6.3456, -11.1517 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(2, 62, 82)` looks like.

```
.text, #text, p{  
    color:rgb(2, 62, 82)  
}
```

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(2, 62, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 62, 82) }
```

Border

The CSS property to change the border of an element to HunterLab 20.1677, -6.3456, -11.1517 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(2, 62, 82) }
```


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

```
.border{ border-color:rgb(2, 62, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 62, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 62, 82); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 62, 82); box-shadow:4px  
4px 4px 4px rgb(2, 62, 82) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.1677, -6.3456, -11.1517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 62, 82) }
```

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

```
.background{ background-color: rgb(2, 62,  
82) }
```

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