

Converting Colors

HunterLab(20.2895, -6.2075,
0.0209)

Have a look what the booklet for
HunterLab(20.2895, -6.2075, 0.0209)
contains.

HunterLab(20.2363, -6.1191, -0.1628)	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(20.2363, -6.1191,
-0.1628)**

Conversions

Conversions Part 1

Format	Color
Hex	273D3C
RGB	39, 61, 60
RGB Percent	15%, 24%, 24%
CMY	0.8471, 0.7608, 0.7647
CMYK	0.36, 0.00, 0.02, 0.76
HSL	177°, 22%, 20%
HSV	177°, 36%, 24%
XYZ	3.3211, 4.0951, 4.8904
YIQ	54.3080, -12.7910, -4.9750

Conversions

Conversions Part 2

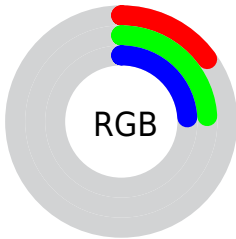
Format	Color
RYB	39, 50, 61
Decimal	2571580
CIELab	23.98, -8.88, -2.16
CIElCh	24, 9.138, 193.642
Yxy	4.0952, 0.2699, 0.3328
Android (android.graphics.Color)	4280761660 (0xFF273D3C)
YUV	54.3080, 2.8062, -13.4251
Hunter-Lab	20.2363, -6.1191, -0.1628

Details

The HunterLab color **20.2363, -6.1191, -0.1628** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.1136, 5.4013, 2.6365**, and the grayscale version is **19.3053, -1.0301, 1.0489**.

A 20% lighter version of the original color is **37.0378, -8.1268, 0.4132**, and **7.1373, -3.9358, -0.4247** is the 20% darker color. If you saturate the color by 10%, you get **19.9566, -7.1860, -0.4156**, and if you desaturate by 10%, it is **20.5597, -4.9113, 0.1433**.

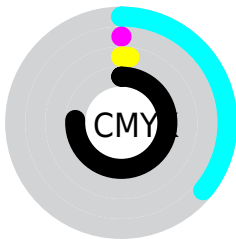
Distribution



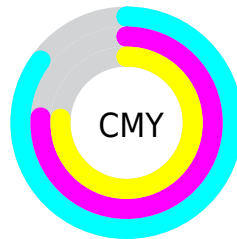
- Red (15%)
- Green (24%)
- Blue (24%)



- Red (15%)
- Yellow (20%)
- Blue (24%)



- Cyan (36%)
- Magenta (0%)
- Yellow (2%)
- Black (76%)



- Cyan (85%)
- Magenta (76%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.2363, -6.1191, -0.1628 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 20.2363, -6.1191, -0.1628 by changing the saturation by 10% instead.

■ 20.2363, -6.1191,
-0.1628

■ 20.2363, -6.1191,
-0.1628

■ 118.6170,
-15.7537, 4.2260

■ 13.1415, -4.9892,
-0.3906

■ 37.1847, -8.2658,
0.4917

■ 6.6411, -6.1815,
-0.9838

■ 46.8608, -9.3196,
0.9005

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.2554, -10.3727,
1.3563

0.0000, NaN, NaN

■ 68.3219, -11.4300,
1.8551

0.0000, NaN, NaN

■ 80.0217, -12.4948,
2.3938

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.3222, -13.5694,

2.9699

0.0000, NaN, NaN

105.1955,
-14.6553, 3.5813

20.2363, -6.1191,
-0.1628

20.2363, -6.1191,
-0.1628

19.9566, -7.1860,
-0.4156

20.5597, -4.9113,
0.1433

19.7189, -8.1064,
-0.6152

20.9257, -3.5688,
0.5000

19.5226, -8.8784,
-0.7613

21.3343, -2.1004,
0.9053

19.3662, -9.5029,
-0.8551

21.7848, -0.5160,
1.3565

19.2464, -9.9884,
-0.9002

22.2764, 1.1741,
1.8503

■ 19.1365, -10.4385,
-0.9325

■ 22.8079, 2.9592,
2.3835

■ 19.0930, -10.6171,
-0.9454

■ 23.3780, 4.8288,
2.9525

■ 23.9853, 6.7728,
3.5539

■ 24.6281, 8.7816,
4.1846

Harmonies

Analogous

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



20.2367, -6.0590, 2.5107



20.2363, -6.1191, -0.1628



20.2367, -4.8833, -2.8220

Triad

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



20.2367, -6.1193, -0.1625



20.2367, 2.8279, -3.0302



20.2367, 0.4803, 5.4793

Complementary

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



20.2363, -6.1191, -0.1628



16.1136, 5.4013, 2.6365

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.



20.2367, 3.0249, 4.3690



20.2363, -6.1191, -0.1628



20.2367, 4.4305, -0.4169

Square

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



20.2367, -6.1193, -0.1625



20.2367, 0.2234, -4.6254



20.2367, 4.5045, 2.2890



20.2367, -2.3529, 5.5278

Rectangle

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



20.2363, -6.1191, -0.1628



20.2367, -3.4489, -4.1284



20.2367, 4.5045, 2.2890



20.2367, 1.4014, 5.2256

Sweetspot

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



20.2367, -6.1193, -0.1625



27.3386, -3.7718, 0.8802



19.8426, -8.5102, 6.3422



14.4747, -2.0395, 0.4551



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



20.2367, -6.1193, -0.1625



25.8870, -9.1584, -0.5042



17.7336, -2.1722, -3.8719



11.3831, -1.3183, 0.4316



29.6765, -16.5556, -1.3543



75.4349, -42.2471, -3.0877

Inverse Universe

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



16.1136, 5.4013, 2.6365



19.3590, 9.2220, 3.9813



18.2401, 1.2056, 5.0210



10.8458, 0.1658, 0.7897



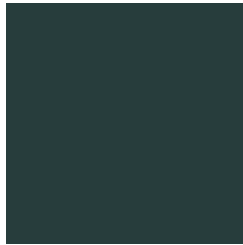
15.5166, 26.6332, 9.5565



39.4056, 67.5395, 25.0279

Previews

White Background



This preview shows how the HunterLab color 20.2363, -6.1191, -0.1628 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

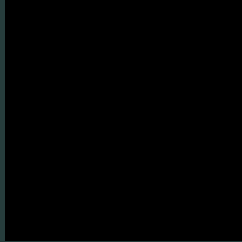
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

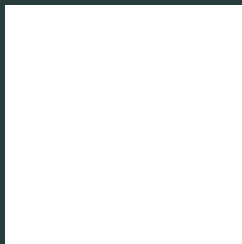
Any Text WCAG AAA × Fail

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

HunterLab 20.2363, -6.1191, -0.1628 Background



This preview shows how black text looks on a background with the HunterLab color 20.2363, -6.1191, -0.1628.



This preview shows how white text looks on a background with the HunterLab color 20.2363, -6.1191, -0.1628.

-0.1628.

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

20.2363, -6.1191, -0.1628

Protanopia

20.3007, -0.8250, 1.1895

Deuteranopia

20.0748, 1.0762, -0.6504



Tritanopia

20.1606, -4.7787, -2.3683

Trichromacy



Original Color

20.2363, -6.1191, -0.1628

Protanomaly

20.0883, -2.7925, 0.5148

Deuteranomaly

19.9831, -1.7270, -0.8157

Tritanomaly

20.1040, -5.0994, -1.5701

Monochromacy



Original Color

20.2363, -6.1191, -0.1628

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.6590, -3.1362, 0.7751

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.2363, -6.1191, -0.1628 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(39, 61, 60)` looks like.

```
.text, #text, p{  
    color:rgb(39, 61, 60)  
}
```

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(39, 61, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 61, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 20.2363, -6.1191, -0.1628 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(39, 61, 60) }
```


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

```
.border{ border-color:rgb(39, 61, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 61, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 61, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 61, 60);  
box-shadow:4px 4px 4px 4px rgb(39, 61, 60)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.2363, -6.1191, -0.1628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 61, 60) }
```

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

```
.background{ background-color: rgb(39, 61,  
60) }
```

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