

Converting Colors

HunterLab(20.1903, -6.0164,
-2.3500)

Have a look what the booklet for
HunterLab(20.1903, -6.0164,
-2.3500) contains.

HunterLab(20.1903, -6.0164, -2.3500)	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(20.1903, -6.0164,
-2.3500)**

Conversions

Conversions Part 1

Format	Color
Hex	233D41
RGB	35, 61, 65
RGB Percent	14%, 24%, 25%
CMY	0.8627, 0.7608, 0.7451
CMYK	0.46, 0.06, 0.00, 0.75
HSL	188°, 30%, 20%
HSV	188°, 46%, 25%
XYZ	3.3160, 4.0765, 5.6131
YIQ	53.6820, -16.7800, -4.2680

Conversions

Conversions Part 2

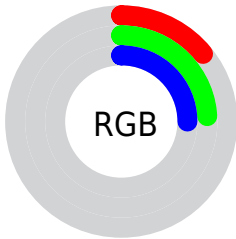
Format	Color
R _Y B	35, 49, 65
Decimal	2309441
CIE Lab	23.92, -8.70, -5.60
CIE LCh	24, 10.349, 212.775
Yxy	4.0766, 0.2550, 0.3134
Android (android.graphics.Color)	4280499521 (0xFF233D41)
YUV	53.6820, 5.5798, -16.3841
Hunter-Lab	20.1903, -6.0164, -2.3500

Details

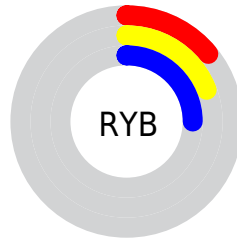
The HunterLab color **20.1903, -6.0164, -2.3500** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.4204, 6.1477, 4.4838**, and the grayscale version is **19.0852, -1.0183, 1.0369**.

A 20% lighter version of the original color is **37.0287, -7.8069, -2.3349**, and **7.2637, -3.1881, -2.1966** is the 20% darker color. If you saturate the color by 10%, you get **19.7016, -6.6648, -3.0270**, and if you desaturate by 10%, it is **20.7228, -5.2196, -1.6307**.

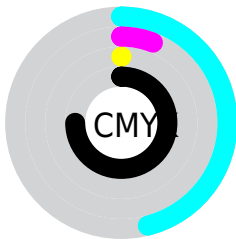
Distribution



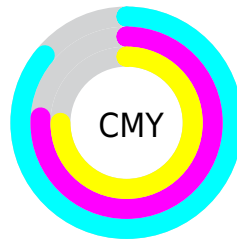
- Red (14%)
- Green (24%)
- Blue (25%)



- Red (14%)
- Yellow (19%)
- Blue (25%)



- Cyan (46%)
- Magenta (6%)
- Yellow (0%)
- Black (75%)



- Cyan (86%)
- Magenta (76%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1903, -6.0164, -2.3500 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 20.1903, -6.0164, -2.3500 by changing the saturation by 10% instead.

■ 20.1903, -6.0164,
-2.3500

■ 20.1903, -6.0164,
-2.3500

■ 118.5341,
-15.5605, 0.5659

■ 13.1016, -4.9019,
-2.3523

■ 37.1284, -8.1374,
-2.0934

■ 6.5903, -6.1055,
-3.1650

■ 46.7999, -9.1801,
-1.8633

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.1903, -10.2229,
-1.5756

0.0000, NaN, NaN

■ 68.2528, -11.2706,
-1.2360

0.0000, NaN, NaN

■ 79.9489, -12.3263,
-0.8488

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.2459, -13.3923,

-0.4175

0.0000, NaN, NaN

105.1158,
-14.4700, 0.0549

20.1903, -6.0164,
-2.3500

20.1903, -6.0164,
-2.3500

19.7016, -6.6648,
-3.0270

20.7228, -5.2196,
-1.6307

19.2557, -7.1590,
-3.6589

21.2973, -4.2814,
-0.8744

18.8527, -7.4965,
-4.2423

21.9131, -3.2108,
-0.0849

18.4911, -7.6802,
-4.7759

22.5689, -2.0175,
0.7333

18.1422, -7.8180,
-5.3017

23.2633, -0.7115,
1.5762

■ 18.0072, -7.8747,
-5.5083

■ 23.9948, 0.6970,
2.4401

■ 24.7616, 2.1985,
3.3216

■ 25.5621, 3.7836,
4.2177

■ 26.3947, 5.4440,
5.1257

Harmonies

Analogous

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



20.1907, -6.8882, 0.8123



20.1903, -6.0164, -2.3500



20.1907, -3.8288, -4.8590

Triad

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



20.1907, -6.0166, -2.3497



20.1907, 4.7164, -1.7799



20.1907, -1.3767, 6.1336

Complementary

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



20.1903, -6.0164, -2.3500



16.4204, 6.1477, 4.4838

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.



20.1907, 1.8276, 5.6591



20.1903, -6.0164, -2.3500



20.1907, 5.4730, 1.3816

Square

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



20.1907, -6.0166, -2.3497



20.1907, 2.3774, -4.4955



20.1907, 4.3853, 4.0297



20.1907, -4.3163, 5.4437

Rectangle

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



20.1903, -6.0164, -2.3500



20.1907, -1.8499, -5.6467



20.1907, 4.3853, 4.0297



20.1907, -0.2952, 6.1049

Sweetspot

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



20.1907, -6.0166, -2.3497



28.5600, -3.9339, 0.0534



20.6911, -10.8332, 7.1832



14.9460, -2.1450, -0.0284



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.



20.1907, -6.0166, -2.3497



25.4911, -8.7320, -4.0257



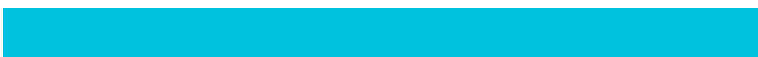
16.5299, -0.3756, -7.7590



12.0655, -1.2457, 0.2882



26.8311, -11.5490, -8.6056



66.4856, -27.9965, -22.6647

Inverse Universe

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



16.3185, 11.0776, -5.7920



19.5430, 18.1625, -9.4953



19.5891, 0.1585, 7.2603



11.6370, 0.5354, -0.0420



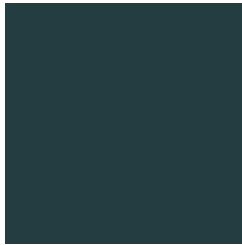
17.8205, 34.1084, -16.3155



44.5288, 85.0529, -39.4115

Previews

White Background



This preview shows how the HunterLab color 20.1903, -6.0164, -2.3500 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

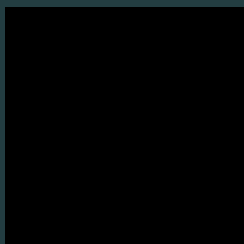
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

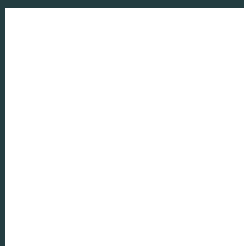
Any Text WCAG AAA × Fail

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

HunterLab 20.1903, -6.0164, -2.3500 Background



This preview shows how black text looks on a background with the HunterLab color 20.1903, -6.0164, -2.3500.



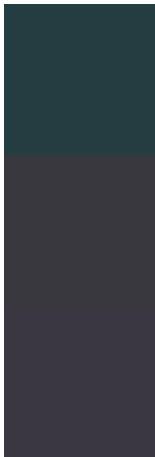
This preview shows how white text looks on a background with the HunterLab color 20.1903, -6.0164, -2.3500.

-2.3500.

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

20.1903, -6.0164, -2.3500

Protanopia

20.0422, -0.2100, -1.1358

Deuteranopia

20.0631, 1.3180, -2.8459



Tritanopia

20.2192, -5.8509, -2.7576

Trichromacy



Original Color

20.1903, -6.0164, -2.3500

Protanomaly

20.0334, -2.7220, -1.6209

Deuteranomaly

19.9943, -1.4055, -2.9884

Tritanomaly

20.2192, -5.8509, -2.7576

Monochromacy



Original Color

20.1903, -6.0164, -2.3500

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.5859, -3.2967, -0.1067

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.1903, -6.0164, -2.3500 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(35, 61, 65)` looks like.

```
.text, #text, p{  
    color:rgb(35, 61, 65)  
}
```

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(35, 61, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 61, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 20.1903, -6.0164, -2.3500 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(35, 61, 65) }
```


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

```
.border{ border-color:rgb(35, 61, 65) }
```

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

Here you see how a box with a 4 pixel rgb(35, 61, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 61, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 61, 65);  
box-shadow:4px 4px 4px 4px rgb(35, 61, 65)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.1903, -6.0164, -2.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 61, 65) }
```

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

```
.background{ background-color: rgb(35, 61,  
65) }
```

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