

Converting Colors

HunterLab(19.1061, -3.7267,
-7.5655)

Have a look what the booklet for
HunterLab(19.1061, -3.7267,
-7.5655) contains.

HunterLab(19.1576, -4.0060, -7.2395)	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(19.1576, -4.0060,
-7.2395)**

Conversions

Conversions Part 1

Format	Color
Hex	1E3948
RGB	30, 57, 72
RGB Percent	12%, 22%, 28%
CMY	0.8823, 0.7765, 0.7176
CMYK	0.58, 0.21, 0.00, 0.72
HSL	201°, 41%, 20%
HSV	201°, 58%, 28%
XYZ	3.1682, 3.6701, 6.6723
YIQ	50.6370, -20.9070, -1.0590

Conversions

Conversions Part 2

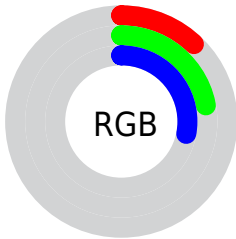
Format	Color
R_{YB}	30, 46, 72
Decimal	1980744
CIE _{Lab}	22.55, -5.25, -12.38
CIE _{LCh}	23, 13.450, 247.040
Yxy	3.6703, 0.2345, 0.2717
Android (android.graphics.Color)	4280170824 (0xFF1E3948)
YUV	50.6370, 10.5320, -18.0986
Hunter-Lab	19.1576, -4.0060, -7.2395

Details

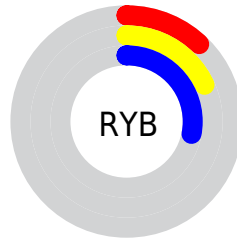
The HunterLab color **19.1576, -4.0060, -7.2395** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.2984, 5.4884, 7.3913**, and the grayscale version is **18.0441, -0.9628, 0.9804**.

A 20% lighter version of the original color is **35.9177, -5.4888, -7.8239**, and **6.3465, -0.4522, -6.9565** is the 20% darker color. If you saturate the color by 10%, you get **18.2379, -3.9463, -8.7623**, and if you desaturate by 10%, it is **20.1296, -3.8939, -5.7225**.

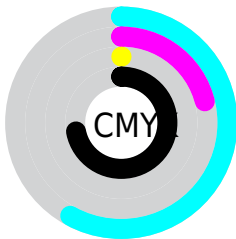
Distribution



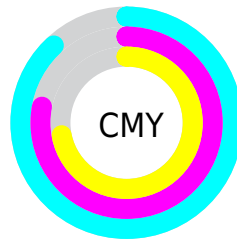
- Red (12%)
- Green (22%)
- Blue (28%)



- Red (12%)
- Yellow (18%)
- Blue (28%)



- Cyan (58%)
- Magenta (21%)
- Yellow (0%)
- Black (72%)



- Cyan (88%)
- Magenta (78%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.1576, -4.0060, -7.2395 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 19.1576, -4.0060, -7.2395 by changing the saturation by 10% instead.

■ 19.1576, -4.0060,
-7.2395

■ 19.1576, -4.0060,
-7.2395

■ 116.6597,
-11.8004, -6.9936

■ 12.2102, -3.1905,
-6.9077

■ 35.8594, -5.6315,
-7.6566

■ 5.3132, -4.5869,
-9.5455

■ 45.4280, -6.4597,
-7.7464

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.7227, -7.3036,
-7.7658

0.0000, NaN, NaN

■ 66.6954, -8.1649,
-7.7209

0.0000, NaN, NaN

■ 78.3065, -9.0448,
-7.6170

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.5227, -9.9439,

-7.4587

0.0000, NaN, NaN

103.3154,
-10.8624, -7.2498

19.1576, -4.0060,
-7.2395

19.1576, -4.0060,
-7.2395

18.2379, -3.9463,
-8.7623

20.1296, -3.8939,
-5.7225

17.3721, -3.7032,
-10.2848

21.1499, -3.6230,
-4.2179

16.5613, -3.2742,
-11.8012

22.2157, -3.2073,
-2.7294

15.7670, -2.7999,
-13.3883

23.3240, -2.6602,
-1.2593

15.6343, -2.7225,
-13.6643

24.4720, -1.9946,
0.1907

■ 25.6568, -1.2225,
1.6202

■ 26.8759, -0.3546,
3.0294

■ 28.1272, 0.5993,
4.4188

■ 29.4084, 1.6308,
5.7894

Harmonies

Analogous

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



19.1580, -6.9253, -4.0539



19.1576, -4.0060, -7.2395



19.1580, -0.0462, -8.0059

Triad

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



19.1580, -4.0060, -7.2391



19.1580, 7.4565, 1.9405



19.1580, -5.5498, 6.1202

Complementary

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



19.1576, -4.0060, -7.2395



18.2984, 5.4884, 7.3913

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.



19.1580, -1.9811, 7.0983



19.1576, -4.0060, -7.2395



19.1580, 5.6930, 5.0368

Square

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



19.1580, -4.0060, -7.2391



19.1580, 6.7997, -2.1234



19.1580, 2.1540, 6.7482



19.1580, -7.7628, 3.7467

Rectangle

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



19.1576, -4.0060, -7.2395



19.1580, 2.6988, -6.9228



19.1580, 2.1540, 6.7482



19.1580, -4.4811, 6.5975

Sweetspot

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



19.1580, -4.0060, -7.2391



30.8695, -3.4574, -1.5367



22.5787, -13.2598, 7.2405



15.8737, -1.8205, -0.8778



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



19.1580, -4.0060, -7.2391



23.5415, -5.0935, -12.4614



14.2267, 4.5281, -16.7051



12.6618, -1.0424, 0.0804



21.3744, -3.1382, -19.9417



51.0582, -5.0236, -52.9738

Inverse Universe

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



16.1300, 14.6586, -4.0331



19.2228, 23.9724, -5.9990



23.0933, -3.0207, 11.0233



12.3600, 0.4955, 0.2102



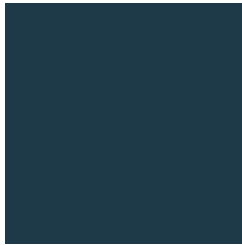
17.4570, 32.0116, -5.1224



42.8893, 78.2804, -9.7366

Previews

White Background



This preview shows how the HunterLab color 19.1576, -4.0060, -7.2395 looks on a white background.

Color Contrast Check

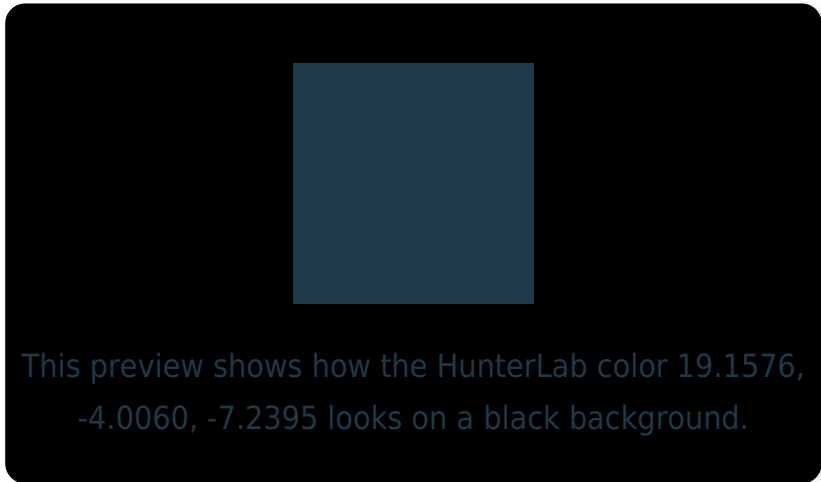
Large Text (above 18pt) WCAG AA ✓ Pass

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

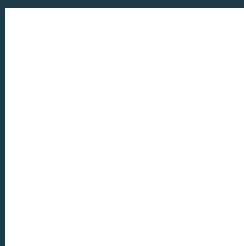
Any Text WCAG AAA × Fail

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

HunterLab 19.1576, -4.0060, -7.2395 Background



This preview shows how black text looks on a background with the HunterLab color 19.1576, -4.0060, -7.2395.



This preview shows how white text looks on a background with the HunterLab color 19.1576, -4.0060, -7.2395.

-7.2395.

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

19.1576, -4.0060, -7.2395

Protanopia

19.1154, 0.7502, -5.6712

Deuteranopia

19.1197, 1.0333, -7.7470



Tritanopia

19.2521, -6.9221, -2.7407

Trichromacy



Original Color

19.1576, -4.0060, -7.2395

Protanomaly

18.9582, -0.9672, -6.4563

Deuteranomaly

18.9494, -0.7928, -8.0596

Tritanomaly

19.1114, -5.9069, -4.3172

Monochromacy



Original Color

19.1576, -4.0060, -7.2395

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.3727, -2.4347, -2.0740

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.1576, -4.0060, -7.2395 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(30, 57, 72)` looks like.

```
.text, #text, p{  
    color:rgb(30, 57, 72)  
}
```

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(30, 57, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 57, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 19.1576, -4.0060, -7.2395 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(30, 57, 72) }
```


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

```
.border{ border-color:rgb(30, 57, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 57, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 57, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 57, 72);  
box-shadow:4px 4px 4px 4px rgb(30, 57, 72)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.1576, -4.0060, -7.2395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 57, 72) }
```

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

```
.background{ background-color: rgb(30, 57,  
72) }
```

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