

Converting Colors

HunterLab(16.9180, -5.1321,
-0.6411)

Have a look what the booklet for
HunterLab(16.9180, -5.1321,
-0.6411) contains.

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Color

**HunterLab(17.0234, -5.1873,
-0.5092)**

Conversions

Conversions Part 1

Format	Color
Hex	1F3333
RGB	31, 51, 51
RGB Percent	12%, 20%, 20%
CMY	0.8784, 0.8000, 0.8000
CMYK	0.39, 0.00, 0.00, 0.80
HSL	180°, 24%, 16%
HSV	180°, 39%, 20%
XYZ	2.3464, 2.8980, 3.5676
YIQ	45.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

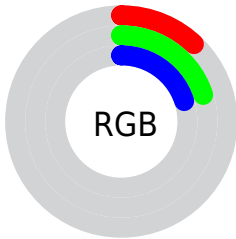
Format	Color
R_YB	31, 41, 51
Decimal	2044723
CIE Lab	19.63, -7.99, -2.57
CIE LCh	20, 8.394, 197.802
Yxy	2.8981, 0.2663, 0.3289
Android (android.graphics.Color)	4280234803 (0xFF1F3333)
YUV	45.0200, 2.9481, -12.2955
Hunter-Lab	17.0234, -5.1873, -0.5092




Details

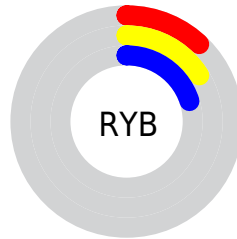
The HunterLab color **17.0234, -5.1873, -0.5092** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13.3521, 4.7434, 2.5538**, and the grayscale version is **16.1994, -0.8644, 0.8801**.




A 20% lighter version of the original color is **33.0892, -7.1284, 0.0004**, and **1.0468, 2.8394, -7.4378** is the 20% darker color. If you saturate the color by 10%, you get **16.8079, -5.9980, -0.7961**, and if you desaturate by 10%, it is **17.2732, -4.2642, -0.1816**.

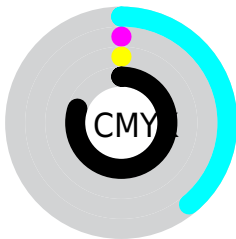
Distribution







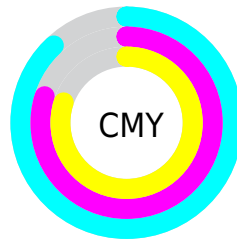
-  Red (12%)
-  Green (20%)
-  Blue (20%)






-  Red (12%)
-  Yellow (16%)
-  Blue (20%)



-  Cyan (39%)
-  Magenta (0%)
-  Yellow (0%)
-  Black (80%)



-  Cyan (88%)
-  Magenta (80%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.0234, -5.1873, -0.5092 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 17.0234, -5.1873, -0.5092 by changing the saturation by 10% instead.

■ 17.0234, -5.1873,
-0.5092

■ 17.0234, -5.1873,
-0.5092

112.7089,
-14.3619, 3.5182

■ 10.3863, -4.1125,
-0.6719

■ 33.2115, -7.2220,
0.0404

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 42.5575, -8.2211,
0.4046

0.0000, NaN, NaN

■ 52.6457, -9.2211,
0.8193

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.4249, -10.2271,
1.2800

0.0000, NaN, NaN

■ 74.8533, -11.2423,
1.7828

0.0000, NaN, NaN

■ 86.8961, -12.2690,

0.0000, NaN, NaN

2.3251

99.5232, -13.3085,
2.9042

17.0234, -5.1873,
-0.5092

17.0234, -5.1873,
-0.5092

16.8079, -5.9980,
-0.7961

17.2732, -4.2642,
-0.1816

16.6253, -6.6928,
-1.0421

17.5565, -3.2329,
0.1845

16.4751, -7.2706,
-1.2465

17.8735, -2.0995,
0.5871

16.3560, -7.7329,
-1.4099

18.2237, -0.8712,
1.0240

16.2550, -8.1282,
-1.5496

18.6065, 0.4445,
1.4926

■ 16.1534, -8.5282,
-1.6910

■ 19.0212, 1.8395,
1.9900

■ 16.1454, -8.5598,
-1.7021

■ 19.4667, 3.3059,
2.5136

■ 19.9421, 4.8359,
3.0606

■ 20.4462, 6.4219,
3.6285

Harmonies

Analogous

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



17.0237, -5.2950, 1.8512



17.0234, -5.1873, -0.5092



17.0237, -3.9747, -2.7598

Triad

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



17.0237, -5.1875, -0.5089



17.0237, 2.7429, -2.3854



17.0237, 0.1029, 4.7679

Complementary

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



17.0234, -5.1873, -0.5092



13.3521, 4.7434, 2.5538

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.



17.0237, 2.3898, 3.9375



17.0234, -5.1873, -0.5092



17.0237, 3.9710, -0.0529

Square

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



17.0237, -5.1875, -0.5089



17.0237, 0.5629, -3.9446



17.0237, 3.8382, 2.2472



17.0237, -2.3330, 4.6820

Rectangle

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



17.0234, -5.1873, -0.5092



17.0237, -2.6617, -3.7942



17.0237, 3.8382, 2.2472



17.0237, 0.9170, 4.5922

Sweetspot

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



17.0237, -5.1875, -0.5089



22.8875, -3.2181, 0.5744



16.6229, -7.5449, 5.4869



12.0864, -1.6925, 0.3056



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



17.0237, -5.1875, -0.5089



21.6523, -7.7529, -1.0343



14.6268, -1.5899, -3.7108



9.8527, -1.0906, 0.3460



28.1280, -14.9127, -2.9653



73.8196, -39.1373, -7.7818

Inverse Universe

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



13.3521, 4.7434, 2.5538



15.8150, 8.1888, 3.8863



15.3810, 0.8676, 4.4956



9.4104, 0.0893, 0.7095



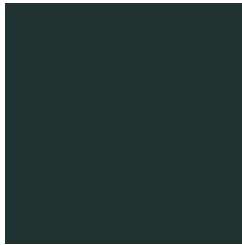
14.6159, 25.0302, 9.4441



38.3581, 65.6895, 24.7858

Previews

White Background



This preview shows how the HunterLab color 17.0234, -5.1873, -0.5092 looks on a white background.

Color Contrast Check

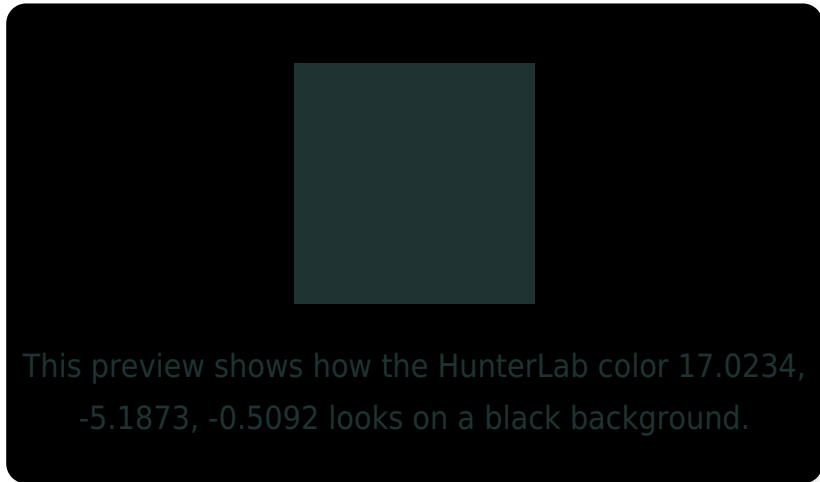
Large Text (above 18pt) WCAG AA ✓ Pass

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

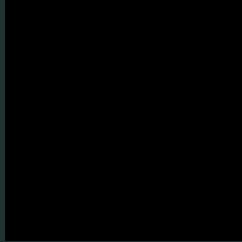
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

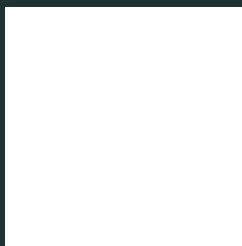
Any Text WCAG AAA × Fail

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

HunterLab 17.0234, -5.1873, -0.5092 Background



This preview shows how black text looks on a background with the HunterLab color 17.0234, -5.1873, -0.5092.



This preview shows how white text looks on a background with the HunterLab color 17.0234, -5.1873, -0.5092.

-0.5092.

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

17.0234, -5.1873, -0.5092

Protanopia

16.9799, -0.3870, 0.3100

Deuteranopia

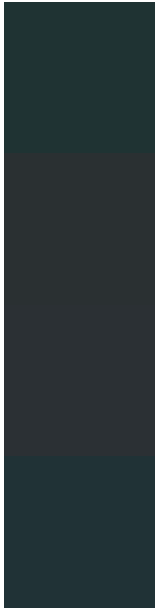
16.9707, 0.9325, -0.8767



Tritanopia

16.9237, -4.0302, -2.3049

Trichromacy



Original Color

17.0234, -5.1873, -0.5092

Protanomaly

16.8417, -2.0487, -0.2814

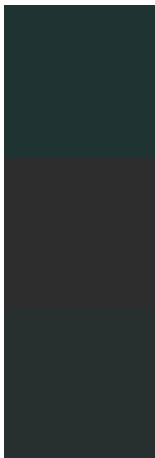
Deuteranomaly

16.9571, -1.5369, -0.9374

Tritanomaly

16.8956, -4.1893, -1.9095

Monochromacy



Original Color

17.0234, -5.1873, -0.5092

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.3993, -2.5249, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.0234, -5.1873, -0.5092 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(31, 51, 51)` looks like.

```
.text, #text, p{  
    color:rgb(31, 51, 51)  
}
```

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(31, 51, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 51, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 17.0234, -5.1873, -0.5092 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(31, 51, 51) }
```


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

```
.border{ border-color:rgb(31, 51, 51) }
```

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

Here you see how a box with a 4 pixel rgb(31, 51, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 51, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 51, 51);  
box-shadow:4px 4px 4px 4px rgb(31, 51, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.0234, -5.1873, -0.5092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 51, 51) }
```

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

```
.background{ background-color: rgb(31, 51,  
51) }
```

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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