

Converting Colors

HunterLab(18.7019, -5.4373,
-0.4731)

Have a look what the booklet for
HunterLab(18.7019, -5.4373,
-0.4731) contains.

HunterLab(18.6787, -5.3992, -0.4607)	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(18.6787, -5.3992,
-0.4607)**

Conversions

Conversions Part 1

Format	Color
Hex	243838
RGB	36, 56, 56
RGB Percent	14%, 22%, 22%
CMY	0.8588, 0.7804, 0.7804
CMYK	0.36, 0.00, 0.00, 0.78
HSL	180°, 22%, 18%
HSV	180°, 36%, 22%
XYZ	2.8555, 3.4889, 4.2643
YIQ	50.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

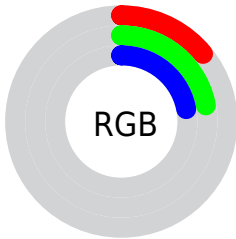
Format	Color
RYB	36, 46, 56
Decimal	2373688
CIELab	21.90, -7.94, -2.57
CIELCh	22, 8.349, 197.903
Yxy	3.4891, 0.2692, 0.3289
Android (android.graphics.Color)	4280563768 (0xFF243838)
YUV	50.0200, 2.9481, -12.2955
Hunter-Lab	18.6787, -5.3992, -0.4607

Details

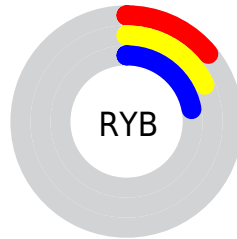
The HunterLab color **18.6787, -5.3992, -0.4607** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.9332, 4.7103, 2.6568**, and the grayscale version is **17.8598, -0.9530, 0.9704**.

A 20% lighter version of the original color is **35.3180, -7.3331, 0.0928**, and **5.6294, -2.9845, -0.5937** is the 20% darker color. If you saturate the color by 10%, you get **18.4285, -6.3371, -0.7927**, and if you desaturate by 10%, it is **18.9680, -4.3350, -0.0829**.

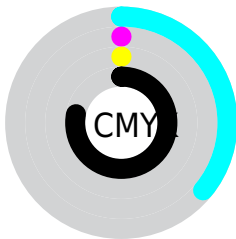
Distribution



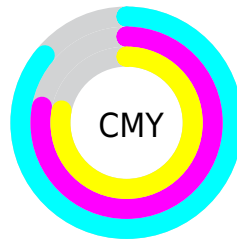
- Red (14%)
- Green (22%)
- Blue (22%)



- Red (14%)
- Yellow (18%)
- Blue (22%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (78%)



- Cyan (86%)
- Magenta (78%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.6787, -5.3992, -0.4607 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 18.6787, -5.3992, -0.4607 by changing the saturation by 10% instead.

■ 18.6787, -5.3992,
-0.4607

■ 18.6787, -5.3992,
-0.4607

■ 115.7827,
-14.5543, 3.6622

■ 11.7987, -4.3405,
-0.6429

■ 35.2684, -7.4176,
0.1183

■ 4.5922, -7.7838,
-2.0667

■ 44.7883, -8.4133,
0.4945

0.0000, NaN, NaN

■ 55.0376, -9.4116,
0.9200

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.9679, -10.4168,
1.3905

0.0000, NaN, NaN

■ 77.5389, -11.4321,
1.9026

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.7170, -12.4593,

102.4733,
-13.4997, 3.0406

18.6787, -5.3992,
-0.4607

18.6787, -5.3992,
-0.4607

18.4285, -6.3371,
-0.7927

18.9680, -4.3350,
-0.0829

18.2158, -7.1439,
-1.0783

19.2954, -3.1497,
0.3379

18.0401, -7.8179,
-1.3168

19.6609, -1.8509,
0.7995

17.9002, -8.3600,
-1.5085

20.0640, -0.4471,
1.2990

17.7922, -8.7821,
-1.6577

20.5038, 1.0527,
1.8334

■ 17.6903, -9.1825,
-1.7992

■ 20.9794, 2.6393,
2.3994

■ 17.6465, -9.3557,
-1.8603

■ 21.4896, 4.3034,
2.9939

■ 22.0332, 6.0362,
3.6138

■ 22.6088, 7.8290,
4.2562

Harmonies

Analogous

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



18.6791, -5.5145, 1.9596



18.6787, -5.3992, -0.4607



18.6791, -4.1442, -2.7477

Triad

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



18.6791, -5.3994, -0.4604



18.6791, 2.7455, -2.3543



18.6791, 0.0314, 4.9946

Complementary

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



18.6787, -5.3992, -0.4607



14.9332, 4.7103, 2.6568

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.



18.6791, 2.3720, 4.1311



18.6787, -5.3992, -0.4607



18.6791, 3.9939, 0.0221

Square

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



18.6791, -5.3994, -0.4604



18.6791, 0.5193, -3.9371



18.6791, 3.8537, 2.3823



18.6791, -2.4678, 4.9015

Rectangle

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



18.6787, -5.3992, -0.4607



18.6791, -2.7903, -3.7920



18.6791, 3.8537, 2.3823



18.6791, 0.8652, 4.8119

Sweetspot

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



18.6791, -5.3994, -0.4604



25.5665, -3.4502, 0.6901



18.2673, -7.8129, 5.7019



13.6812, -1.8776, 0.3588



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



18.6791, -5.3994, -0.4604



24.2488, -8.2736, -1.0213



16.2507, -1.7303, -3.6675



10.6149, -1.1949, 0.3661



28.9635, -15.3557, -3.0533



74.7995, -39.6569, -7.8850

Inverse Universe

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



14.9332, 4.7103, 2.6568



18.1351, 8.3650, 4.1128



17.0185, 0.7757, 4.6853



10.1223, 0.1190, 0.7708



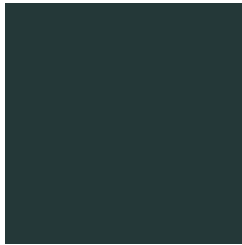
15.0500, 25.7737, 9.7246



38.8673, 66.5615, 25.1148

Previews

White Background



This preview shows how the HunterLab color 18.6787, -5.3992, -0.4607 looks on a white background.

Color Contrast Check

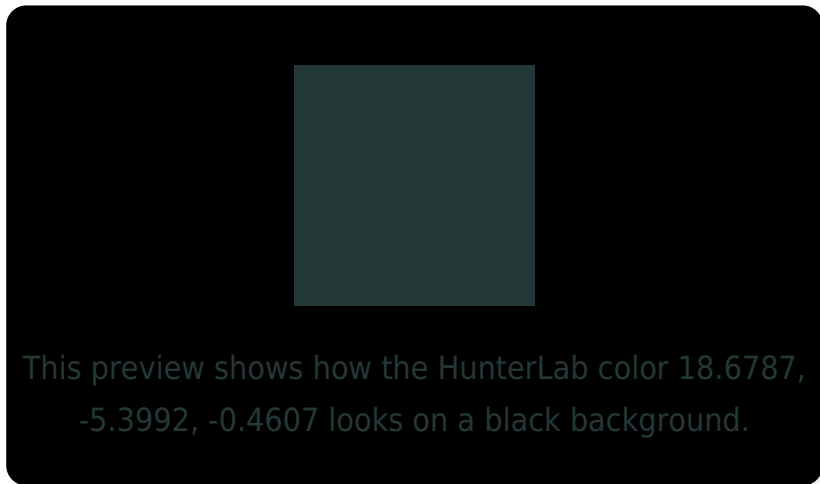
Large Text (above 18pt) WCAG AA ✓ Pass

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

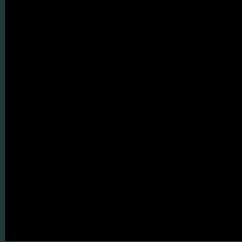
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

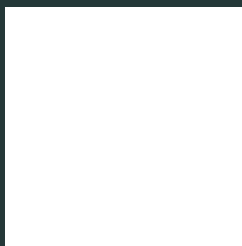
Any Text WCAG AAA × Fail

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

HunterLab 18.6787, -5.3992, -0.4607 Background



This preview shows how black text looks on a background with the HunterLab color 18.6787, -5.3992, -0.4607.



This preview shows how white text looks on a background with the HunterLab color 18.6787, -5.3992, -0.4607.

-0.4607.

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

18.6787, -5.3992, -0.4607

Protanopia

18.6526, -0.4684, 0.3919

Deuteranopia

18.6421, 0.8690, -0.8087



Tritanopia

18.5794, -4.2225, -2.2675

Trichromacy



Original Color

18.6787, -5.3992, -0.4607

Protanomaly

18.5105, -2.1621, -0.2090

Deuteranomaly

18.6279, -1.6425, -0.8708

Tritanomaly

18.5512, -4.3821, -1.8697

Monochromacy



Original Color

18.6787, -5.3992, -0.4607

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.0605, -2.6471, 0.4170

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.6787, -5.3992, -0.4607 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(36, 56, 56)` looks like.

```
.text, #text, p{  
    color:rgb(36, 56, 56)  
}
```

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(36, 56, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 56, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 18.6787, -5.3992, -0.4607 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(36, 56, 56) }
```


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

```
.border{ border-color:rgb(36, 56, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 56, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 56, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 56, 56);  
box-shadow:4px 4px 4px 4px rgb(36, 56, 56)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.6787, -5.3992, -0.4607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 56, 56) }
```

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

```
.background{ background-color: rgb(36, 56,  
56) }
```

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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