

Converting Colors

HunterLab(18.3554, -1.8759,
-6.9087)

Have a look what the booklet for
HunterLab(18.3554, -1.8759,
-6.9087) contains.

HunterLab(18.3554, -1.8759, -6.9087)	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(18.3554, -1.8759,
-6.9087)**

Conversions

Conversions Part 1

Format	Color
Hex	253545
RGB	37, 53, 69
RGB Percent	15%, 21%, 27%
CMY	0.8549, 0.7922, 0.7294
CMYK	0.46, 0.23, 0.00, 0.73
HSL	210°, 30%, 21%
HSV	210°, 46%, 27%
XYZ	3.1102, 3.3692, 6.1167
YIQ	50.0400, -14.6720, 1.5840

Conversions

Conversions Part 2

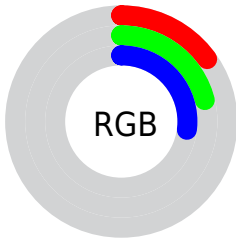
Format	Color
R_{YB}	37, 48, 69
Decimal	2438469
CIE _{Lab}	21.47, -1.56, -12.00
CIE _{LCh}	21, 12.102, 262.579
Yxy	3.3693, 0.2469, 0.2675
Android (android.graphics.Color)	4280628549 (0xFF253545)
YUV	50.0400, 9.3473, -11.4361
Hunter-Lab	18.3554, -1.8759, -6.9087

Details

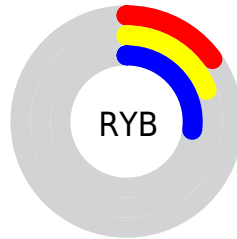
The HunterLab color **18.3554, -1.8759, -6.9087** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.8622, 1.7402, 7.0445**, and the grayscale version is **17.8465, -0.9522, 0.9696**.

A 20% lighter version of the original color is **34.7088, -2.9356, -7.4125**, and **4.9824, 1.0714, -8.5405** is the 20% darker color. If you saturate the color by 10%, you get **17.1763, -1.6452, -8.8799**, and if you desaturate by 10%, it is **19.5838, -1.9618, -5.0127**.

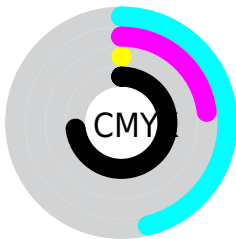
Distribution



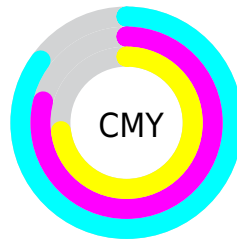
- Red (15%)
- Green (21%)
- Blue (27%)



- Red (15%)
- Yellow (19%)
- Blue (27%)



- Cyan (46%)
- Magenta (23%)
- Yellow (0%)
- Black (73%)



- Cyan (85%)
- Magenta (79%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.3554, -1.8759, -6.9087 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 18.3554, -1.8759, -6.9087 by changing the saturation by 10% instead.

■ 18.3554, -1.8759,
-6.9087

■ 18.3554, -1.8759,
-6.9087

■ 115.1875, -7.8156,
-6.5893

■ 11.5215, -1.3795,
-6.5818

■ 34.8684, -2.9753,
-7.3123

■ 4.0288, -1.9059,
-12.1417

■ 44.3550, -3.5761,
-7.3941

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.5734, -4.2091,
-7.4051

0.0000, NaN, NaN

■ 65.4747, -4.8731,
-7.3515

0.0000, NaN, NaN

■ 77.0183, -5.5668,
-7.2389

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.1704, -6.2891,

-7.0719

0.0000, NaN, NaN

101.9019, -7.0390,
-6.8542

18.3554, -1.8759,
-6.9087

18.3554, -1.8759,
-6.9087

17.1763, -1.6452,
-8.8799

19.5838, -1.9618,
-5.0127

16.0503, -1.2510,
-10.9302

20.8560, -1.9196,
-3.1883

14.9834, -0.6752,
-13.0586

22.1683, -1.7645,
-1.4294

13.9808, 0.0985,
-15.2605

23.5173, -1.5102,
0.2701

13.0099, 0.9535,
-17.6258

24.9000, -1.1683,
1.9164

■ 12.6593, 1.2619,
-18.5471

■ 26.3138, -0.7489,
3.5151

■ 27.7562, -0.2609,
5.0717

■ 29.2252, 0.2884,
6.5911

■ 30.7191, 0.8925,
8.0777

Harmonies

Analogous

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



18.3557, -5.0442, -5.1165



18.3554, -1.8759, -6.9087



18.3557, 1.7859, -6.2759

Triad

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



18.3557, -1.8760, -6.9083



18.3557, 5.9421, 3.3768



18.3557, -6.2165, 4.6031

Complementary

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



18.3554, -1.8759, -6.9087



19.8622, 1.7402, 7.0445

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.



18.3557, -3.5920, 6.1464



18.3554, -1.8759, -6.9087



18.3557, 3.4709, 5.5407

Square

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



18.3557, -1.8760, -6.9083



18.3557, 6.4911, 0.1179



18.3557, -0.0673, 6.4526



18.3557, -7.4200, 1.8388

Rectangle

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



18.3554, -1.8759, -6.9087



18.3557, 4.0011, -4.6128



18.3557, -0.0673, 6.4526



18.3557, -5.4815, 5.2580

Sweetspot

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



18.3557, -1.8760, -6.9083



29.1204, -2.2419, -1.4505



22.1401, -10.3531, 4.6126



15.0539, -1.1831, -0.8840



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



18.3557, -1.8760, -6.9083



22.0416, -2.0594, -12.0253



14.7637, 4.5773, -13.4335



12.5456, -0.8518, -0.0593



17.7969, 2.9831, -28.6843



41.7853, 11.5291, -77.1160

Inverse Universe

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



16.8686, 10.2518, -1.2651



19.9454, 17.1015, -1.9446



23.6428, -4.5033, 10.1002



12.3480, 0.4310, 0.3806



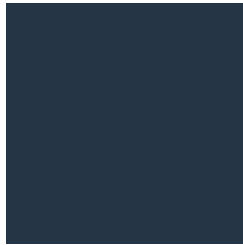
17.0470, 30.5305, 0.6510



41.8638, 74.5666, 4.7761

Previews

White Background



This preview shows how the HunterLab color 18.3554, -1.8759, -6.9087 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

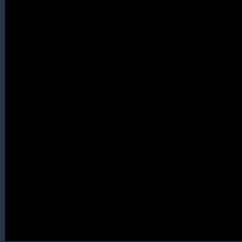
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

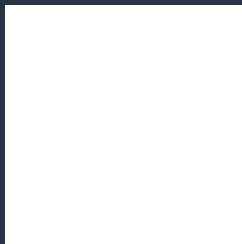
Any Text WCAG AAA × Fail

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

HunterLab 18.3554, -1.8759, -6.9087 Background



This preview shows how black text looks on a background with the HunterLab color 18.3554, -1.8759, -6.9087.



This preview shows how white text looks on a background with the HunterLab color 18.3554, -1.8759, -6.9087.

-6.9087.

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

18.3554, -1.8759, -6.9087

Protanopia

18.3773, 0.5655, -5.7982

Deuteranopia

18.4138, 0.8901, -7.2949



Tritanopia

18.4071, -4.9117, -2.0712

Trichromacy



Original Color

18.3554, -1.8759, -6.9087

Protanomaly

18.4036, -0.5129, -6.2875

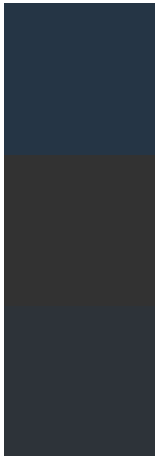
Deuteranomaly

18.4710, -0.1462, -7.2201

Tritanomaly

18.3154, -3.6962, -4.0020

Monochromacy



Original Color

18.3554, -1.8759, -6.9087

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.9470, -1.5243, -1.7558

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.3554, -1.8759, -6.9087 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(37, 53, 69)` looks like.

```
.text, #text, p{  
    color:rgb(37, 53, 69)  
}
```

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(37, 53, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 53, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 18.3554, -1.8759, -6.9087 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(37, 53, 69) }
```


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

```
.border{ border-color:rgb(37, 53, 69) }
```

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

Here you see how a box with a 4 pixel rgb(37, 53, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 53, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 53, 69);  
box-shadow:4px 4px 4px 4px rgb(37, 53, 69)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.3554, -1.8759, -6.9087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 53, 69) }
```

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

```
.background{ background-color: rgb(37, 53,  
69) }
```

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