

Converting Colors

HunterLab(18.3732, -2.5302,
-1.2110)

Have a look what the booklet for
HunterLab(18.3732, -2.5302,
-1.2110) contains.

HunterLab(18.3769, -2.5307, -1.2094)	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(18.3769, -2.5307,
-1.2094)**

Conversions

Conversions Part 1

Format	Color
Hex	2C3539
RGB	44, 53, 57
RGB Percent	17%, 21%, 22%
CMY	0.8274, 0.7922, 0.7765
CMYK	0.23, 0.07, 0.00, 0.78
HSL	198°, 13%, 20%
HSV	198°, 23%, 22%
XYZ	3.0503, 3.3771, 4.3620
YIQ	50.7650, -6.6480, -0.6640

Conversions

Conversions Part 2

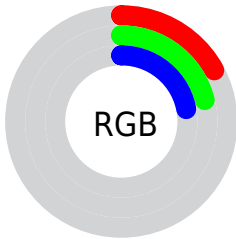
Format	Color
R_{YB}	44, 49, 57
Decimal	2897209
CIE Lab	21.50, -2.72, -3.79
CIE LCh	21, 4.664, 234.284
Yxy	3.3772, 0.2827, 0.3130
Android (android.graphics.Color)	4281087289 (0xFF2C3539)
YUV	50.7650, 3.0739, -5.9329
Hunter-Lab	18.3769, -2.5307, -1.2094

Details

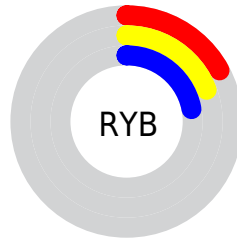
The HunterLab color **18.3769, -2.5307, -1.2094** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.7922, 0.9571, 3.0394**, and the grayscale version is **18.1078, -0.9662, 0.9838**.

A 20% lighter version of the original color is **34.7805, -3.5035, -0.9556**, and **4.5318, -1.3883, -2.6674** is the 20% darker color. If you saturate the color by 10%, you get **17.6142, -3.0207, -2.2289**, and if you desaturate by 10%, it is **19.1706, -1.9482, -0.1933**.

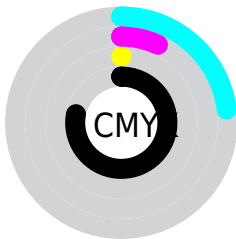
Distribution



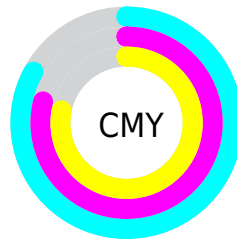
- Red (17%)
- Green (21%)
- Blue (22%)



- Red (17%)
- Yellow (19%)
- Blue (22%)



- Cyan (23%)
- Magenta (7%)
- Yellow (0%)
- Black (78%)



- Cyan (83%)
- Magenta (79%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.3769, -2.5307, -1.2094 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 18.3769, -2.5307, -1.2094 by changing the saturation by 10% instead.

■ 18.3769, -2.5307,
-1.2094

■ 18.3769, -2.5307,
-1.2094

■ 115.2272, -9.0459,
2.3610

■ 11.5400, -1.9350,
-1.3036

■ 34.8950, -3.7938,
-0.7822

■ 4.0689, -3.1333,
-3.6365

■ 44.3838, -4.4651,
-0.4733

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.6044, -5.1635,
-0.1108

0.0000, NaN, NaN

■ 65.5075, -5.8887,
0.3003

0.0000, NaN, NaN

■ 77.0530, -6.6401,
0.7560

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.2069, -7.4172,

1.2530

0.0000, NaN, NaN

101.9400, -8.2193,
1.7888

18.3769, -2.5307,
-1.2094

18.3769, -2.5307,
-1.2094

17.6142, -3.0207,
-2.2289

19.1706, -1.9482,
-0.1933

16.8831, -3.4084,
-3.2504

19.9922, -1.2807,
0.8168

16.1859, -3.6854,
-4.2704

20.8406, -0.5364,
1.8199

15.5243, -3.8429,
-5.2852

21.7141, 0.2774,
2.8154

14.8999, -3.8734,
-6.2901

22.6112, 1.1543,
3.8028

■ 14.3138, -3.7707,
-7.2800

■ 23.5304, 2.0883,
4.7821

■ 13.7438, -3.6170,
-8.2936

■ 24.4705, 3.0739,
5.7534

■ 13.3312, -3.5205,
-9.0631

■ 25.4302, 4.1066,
6.7168

■ 26.4085, 5.1821,
7.6728

Harmonies

Analogous

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



18.3773, -3.3780, -0.0874



18.3769, -2.5307, -1.2094



18.3773, -1.2496, -1.7426

Triad

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



18.3773, -2.5310, -1.2091



18.3773, 1.7823, 0.7427



18.3773, -2.0786, 3.1904

Complementary

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



18.3769, -2.5307, -1.2094



17.7922, 0.9571, 3.0394

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.



18.3773, -0.7119, 3.3764



18.3769, -2.5307, -1.2094



18.3773, 1.5443, 2.0254

Square

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



18.3773, -2.5310, -1.2091



18.3773, 1.2619, -0.5628



18.3773, 0.6210, 2.9655



18.3773, -3.1223, 2.4371

Rectangle

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



18.3769, -2.5307, -1.2094



18.3773, -0.3108, -1.6662



18.3773, 0.6210, 2.9655



18.3773, -1.6428, 3.3189

Sweetspot

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



18.3773, -2.5310, -1.2091



25.3609, -2.0592, 0.4660



19.1687, -5.2984, 3.1029



13.5818, -1.1008, 0.2522



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.



18.3773, -2.5310, -1.2091



23.2133, -3.6342, -2.2843



16.8290, 0.0135, -3.2675



10.4228, -0.8845, 0.1397



20.9440, -4.8478, -15.7131



52.4724, -10.0908, -43.8028

Inverse Universe

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



17.1125, 3.7529, -1.0600



21.2266, 6.3809, -1.9983



19.3068, -1.6135, 4.5505



10.1655, 0.3520, 0.1559



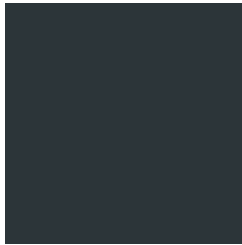
16.2179, 30.0252, -6.9742



41.6753, 76.7968, -15.1367

Previews

White Background



This preview shows how the HunterLab color 18.3769, -2.5307, -1.2094 looks on a white background.

Color Contrast Check

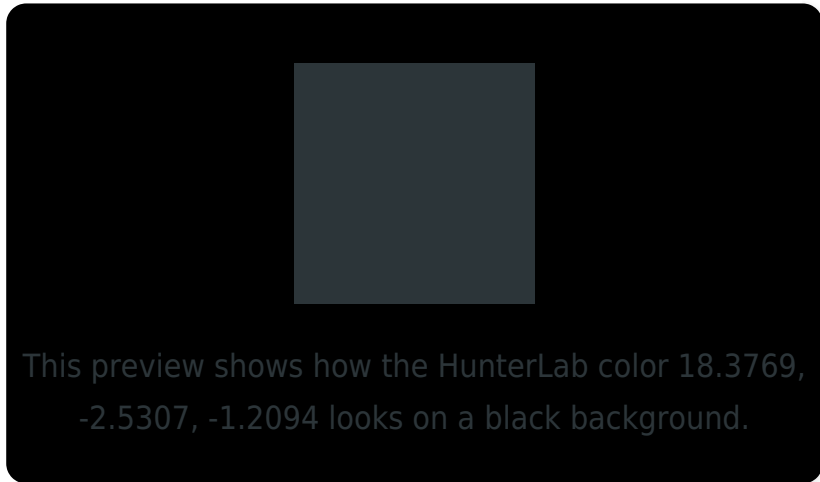
Large Text (above 18pt) WCAG AA ✓ Pass

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

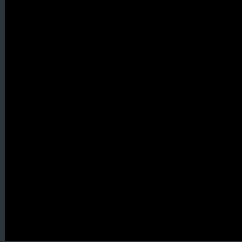
Any Text WCAG AA × Fail

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 18.3769, -2.5307, -1.2094 Background



This preview shows how black text looks on a background with the HunterLab color 18.3769, -2.5307, -1.2094.



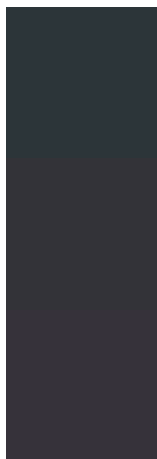
This preview shows how white text looks on a background with the HunterLab color 18.3769, -2.5307, -1.2094.

-1.2094.

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

18.3769, -2.5307, -1.2094

Protanopia

18.3221, -0.2756, -0.8219

Deuteranopia

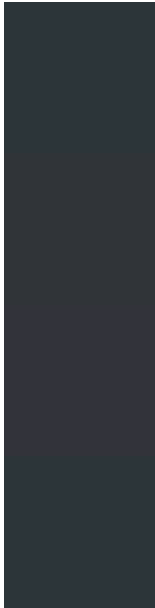
18.3602, 1.1742, -1.5927



Tritanopia

18.3769, -2.5307, -1.2094

Trichromacy



Original Color

18.3769, -2.5307, -1.2094

Protanomaly

18.3572, -1.3913, -0.7966

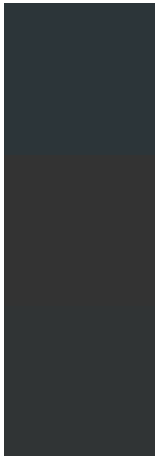
Deuteranomaly

18.3064, -0.2204, -1.6882

Tritanomaly

18.3769, -2.5307, -1.2094

Monochromacy



Original Color

18.3769, -2.5307, -1.2094

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.2795, -1.8199, 0.3072

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.3769, -2.5307, -1.2094 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(44, 53, 57)` looks like.

```
.text, #text, p{  
    color:rgb(44, 53, 57)  
}
```

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(44, 53, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 53, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 18.3769, -2.5307, -1.2094 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(44, 53, 57) }
```


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

```
.border{ border-color:rgb(44, 53, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 53, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 53, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 53, 57);  
box-shadow:4px 4px 4px 4px rgb(44, 53, 57)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.3769, -2.5307, -1.2094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 53, 57) }
```

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

```
.background{ background-color: rgb(44, 53,  
57) }
```

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