

Converting Colors

HunterLab(13.2397, -2.5079,
0.2364)

Have a look what the booklet for
HunterLab(13.2397, -2.5079, 0.2364)
contains.

HunterLab(13.1633, -2.2759, 0.1878)	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(13.1633, -2.2759,
0.1878)**

Conversions

Conversions Part 1

Format	Color
Hex	1E2525
RGB	30, 37, 37
RGB Percent	12%, 15%, 15%
CMY	0.8824, 0.8549, 0.8549
CMYK	0.19, 0.00, 0.00, 0.85
HSL	180°, 10%, 13%
HSV	180°, 19%, 15%
XYZ	1.5309, 1.7327, 2.0040
YIQ	34.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

Format	Color
RYB	30, 34, 37
Decimal	1975589
CIELab	14.02, -3.11, -1.05
CIElCh	14, 3.285, 198.668
Yxy	1.7328, 0.2906, 0.3289
Android (android.graphics.Color)	4280165669 (0xFF1E2525)
YUV	34.9070, 1.0318, -4.3034
Hunter-Lab	13.1633, -2.2759, 0.1878

Details

The HunterLab color **13.1633, -2.2759, 0.1878** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **11.8981, 1.1063, 1.2298**, and the grayscale version is **12.9328, -0.6901, 0.7027**.

A 20% lighter version of the original color is **28.4598, -3.6157, 0.8434**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.9629, -3.0042, -0.0704**, and if you desaturate by 10%, it is **13.3858, -1.4836, 0.4695**.

Distribution



Red (12%)

Green (15%)

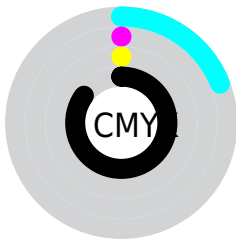
Blue (15%)



Red (12%)

Yellow (13%)

Blue (15%)

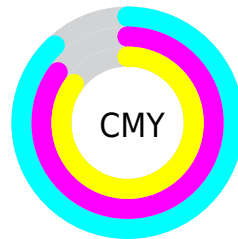


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (85%)



Cyan (88%)

Magenta (85%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.1633, -2.2759, 0.1878 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 13.1633, -2.2759, 0.1878 by changing the saturation by 10% instead.

■ 13.1633, -2.2759,
0.1878

■ 13.1633, -2.2759,
0.1878

105.2397, -8.8239,
4.6876

■ 6.6690, -2.3896,
-0.2905

■ 28.3136, -3.5626,
0.8644

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.2160, -4.2391,
1.2859

0.0000, NaN, NaN

■ 46.8946, -4.9406,
1.7547

0.0000, NaN, NaN

■ 57.2915, -5.6674,
2.2664

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.3602, -6.4195,
2.8180

0.0000, NaN, NaN

■ 80.0621, -7.1966,

0.0000, NaN, NaN

3.4068

■ 92.3646, -7.9982,
4.0306

■ 13.1633, -2.2759,
0.1878

■ 13.1633, -2.2759,
0.1878

■ 12.9629, -3.0042,
-0.0704

■ 13.3858, -1.4836,
0.4695

■ 12.7837, -3.6641,
-0.3043

■ 13.6292, -0.6309,
0.7728

■ 12.6262, -4.2528,
-0.5129

■ 13.8934, 0.2776,
1.0962

■ 12.4900, -4.7681,
-0.6952

■ 14.1780, 1.2370,
1.4382

■ 12.3748, -5.2088,
-0.8511

■ 14.4824, 2.2427,
1.7971

■ 12.2764, -5.5893,
-0.9856

■ 14.8061, 3.2900,
2.1714

■ 12.1787, -5.9699,
-1.1201

■ 15.1482, 4.3745,
2.5595

■ 12.0803, -6.3571,
-1.2568

■ 15.5083, 5.4918,
2.9599

■ 12.0696, -6.3993,
-1.2717

■ 15.8855, 6.6381,
3.3712

Harmonies

Analogous

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



13.1636, -2.3297, 1.0305



13.1633, -2.2759, 0.1878



13.1636, -1.8077, -0.5573

Triad

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



13.1636, -2.2761, 0.1880



13.1636, 0.5987, -0.3975



13.1636, -0.3672, 2.2064

Complementary

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



13.1633, -2.2759, 0.1878



11.8981, 1.1063, 1.2298

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.



13.1636, 0.4392, 1.8746



13.1633, -2.2759, 0.1878



13.1636, 1.0066, 0.3946

Square

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



13.1636, -2.2761, 0.1880



13.1636, -0.1542, -0.9105



13.1636, 0.9475, 1.2240



13.1636, -1.2431, 2.1592

Rectangle

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



13.1633, -2.2759, 0.1878



13.1636, -1.3162, -0.8816



13.1636, 0.9475, 1.2240



13.1636, -0.0786, 2.1364

Sweetspot

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



13.1636, -2.2761, 0.1880



17.1415, -1.6264, 0.6929



13.0181, -3.1084, 2.3730



9.8990, -0.9273, 0.4041



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



13.1636, -2.2761, 0.1880



16.6344, -3.4394, 0.0489



12.3770, -1.0289, -0.7761



7.6268, -0.7873, 0.2870



25.6465, -13.5980, -2.7017



70.8925, -37.5882, -7.4673

Inverse Universe

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



11.8981, 1.1063, 1.2298



14.5505, 2.1409, 1.7679



12.6342, -0.1839, 2.0176



7.3299, 0.0046, 0.5308



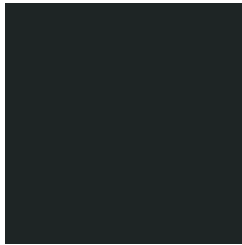
13.3266, 22.8223, 8.6103



36.8374, 63.0853, 23.8025

Previews

White Background



This preview shows how the HunterLab color 13.1633, -2.2759, 0.1878 looks on a white background.

Color Contrast Check

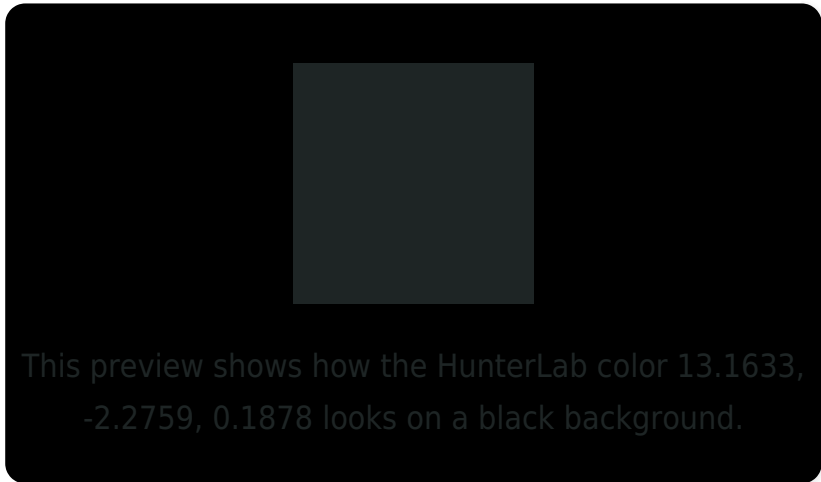
Large Text (above 18pt) WCAG AA ✓ Pass

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

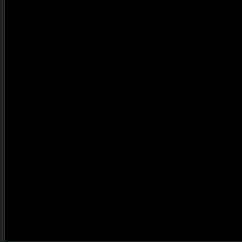
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

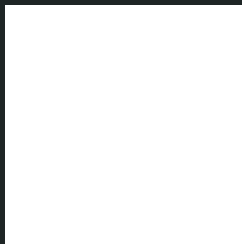
Any Text WCAG AAA × Fail

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

HunterLab 13.1633, -2.2759, 0.1878 Background



This preview shows how black text looks on a background with the HunterLab color 13.1633, -2.2759, 0.1878.



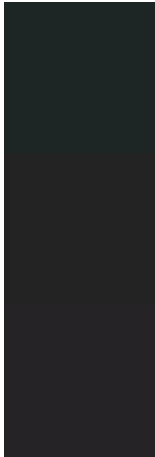
This preview shows how white text looks on a background with the HunterLab color 13.1633, -2.2759,

0.1878.

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

13.1633, -2.2759, 0.1878

Protanopia

13.0557, -0.3290, 0.4593

Deuteranopia

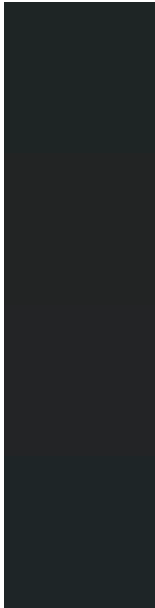
13.2441, 0.4115, -0.0408



Tritanopia

13.2377, -1.8609, -0.8669

Trichromacy



Original Color

13.1633, -2.2759, 0.1878

Protanomaly

13.1499, -1.1715, 0.5570

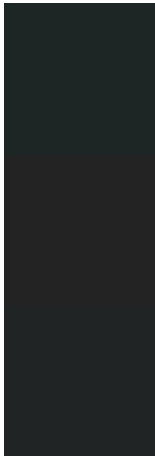
Deuteranomaly

13.2628, -0.6819, -0.0369

Tritanomaly

13.2123, -2.0024, -0.5073

Monochromacy



Original Color

13.1633, -2.2759, 0.1878

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.0861, -1.3964, 0.4770

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.1633, -2.2759, 0.1878 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, 37, 37)` looks like.

```
.text, #text, p{  
    color:rgb(30, 37, 37)  
}
```

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, 37, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 37, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 13.1633, -2.2759, 0.1878 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, 37, 37) }
```


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

```
.border{ border-color:rgb(30, 37, 37) }
```

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

Here you see how a box with a 4 pixel rgb(30, 37, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 37, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 37, 37);  
box-shadow:4px 4px 4px 4px rgb(30, 37, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.1633, -2.2759, 0.1878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 37, 37) }
```

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

```
.background{ background-color: rgb(30, 37,  
37) }
```

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