

Converting Colors

HunterLab(31.8354, -1.9026,
1.4020)

Have a look what the booklet for
HunterLab(31.8354, -1.9026, 1.4020)
contains.

HunterLab(31.8973, -1.9777, 1.6406)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**HunterLab(31.8973, -1.9777,
1.6406)**

Conversions

Conversions Part 1

Format	Color
Hex	595A5A
RGB	89, 90, 90
RGB Percent	35%, 35%, 35%
CMY	0.6510, 0.6470, 0.6471
CMYK	0.01, 0.00, 0.00, 0.65
HSL	180°, 1%, 35%
HSV	180°, 1%, 35%
XYZ	9.6215, 10.1744, 11.1296
YIQ	89.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

Format	Color
RYB	89, 90, 90
Decimal	5855834
CIELab	38.15, -0.40, -0.14
CIELCh	38, 0.421, 199.953
Yxy	10.1748, 0.3111, 0.3290
Android (android.graphics.Color)	4284045914 (0xFF595A5A)
YUV	89.7010, 0.1474, -0.6148
Hunter-Lab	31.8973, -1.9777, 1.6406

Details

The HunterLab color **31.8973, -1.9777, 1.6406** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **31.6859, -1.4124, 1.8141**, and the grayscale version is **31.8653, -1.7003, 1.7313**.

A 20% lighter version of the original color is **51.1259, -3.0267, 2.6777**, and **16.1298, -1.1061, 0.7941** is the 20% darker color. If you saturate the color by 10%, you get **31.2349, -4.3164, 0.8159**, and if you desaturate by 10%, it is **32.6311, 0.5496, 2.5353**.

Distribution



Red (35%)

Green (35%)

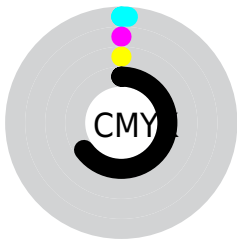
Blue (35%)



Red (35%)

Yellow (35%)

Blue (35%)



Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (65%)



Cyan (65%)

Magenta (65%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.8973, -1.9777, 1.6406 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 31.8973, -1.9777, 1.6406 by changing the saturation by 10% instead.

■ 31.8973, -1.9777,
1.6406

■ 31.8973, -1.9777,
1.6406

■ 138.5335, -7.8479,
7.3856

■ 23.4841, -1.5023,
1.1923

■ 51.1114, -3.0515,
2.6708

■ 15.9765, -1.0713,
0.7940

■ 61.7914, -3.6430,
3.2449

■ 9.5018, -0.6906,
0.4535

■ 73.1263, -4.2683,
3.8550

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 85.0803, -4.9255,
4.4992

0.0000, NaN, NaN

■ 97.6229, -5.6134,
5.1758

0.0000, NaN, NaN

110.7276, -6.3305,

0.0000, NaN, NaN

124.3713, -7.0756,
6.6202

■ 31.8973, -1.9777,
1.6406

■ 31.8973, -1.9777,
1.6406

■ 31.2349, -4.3164,
0.8159

■ 32.6311, 0.5496,
2.5353

■ 30.6432, -6.4468,
0.0657

■ 33.4325, 3.2488,
3.4922

■ 30.1236, -8.3536,
-0.6042

■ 34.2998, 6.1005,
4.5051

■ 29.6763, -10.0239,
-1.1895

■ 35.2307, 9.0862,
5.5679

■ 29.3005, -11.4489,
-1.6872

■ 36.2224, 12.1884,
6.6745

■ 28.9945, -12.6242,
-2.0961

■ 37.2723, 15.3909,
7.8191

■ 28.7556, -13.5515,
-2.4171

■ 38.3774, 18.6790,
8.9967

■ 28.5800, -14.2388,
-2.6530

■ 39.5351, 22.0396,
10.2028

■ 28.4612, -14.7070,
-2.8114

■ 40.7424, 25.4612,
11.4331

Harmonies

Analogous

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



31.8980, -1.9915, 1.7848



31.8973, -1.9777, 1.6406



31.8980, -1.8919, 1.5224

Triad

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



31.8980, -1.9784, 1.6411



31.8980, -1.4793, 1.5566



31.8980, -1.6526, 2.0093

Complementary

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



31.8973, -1.9777, 1.6406



31.6859, -1.4124, 1.8141

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.



31.8980, -1.5151, 1.9488



31.8973, -1.9777, 1.6406



31.8980, -1.4149, 1.6877

Square

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



31.8980, -1.9784, 1.6411



31.8980, -1.6037, 1.4734



31.8980, -1.4280, 1.8312



31.8980, -1.8035, 1.9970

Rectangle

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



31.8973, -1.9777, 1.6406



31.8980, -1.8040, 1.4736



31.8980, -1.4280, 1.8312



31.8980, -1.6033, 1.9968

Sweetspot

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



31.8980, -1.9784, 1.6411



42.2927, -2.2566, 2.2978



31.8728, -2.1195, 2.0212



20.7927, -1.1094, 1.1297



70.1359, -3.7423, 3.8106

Same Dimension

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



31.8980, -1.9784, 1.6411



42.1968, -2.5908, 2.1797



31.7702, -1.7664, 1.4931



16.4639, -0.9920, 0.8567



34.9155, -18.5452, -3.6075



81.7048, -43.4024, -8.4304

Inverse Universe

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



31.6859, -1.4124, 1.8141



41.9366, -1.8962, 2.3921



31.8132, -1.6249, 1.9602



16.3768, -0.7597, 0.9278



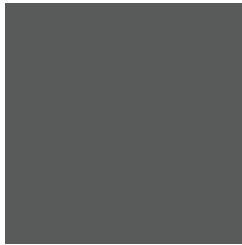
18.1465, 31.0786, 11.7097



42.4631, 72.7213, 27.4237

Previews

White Background



This preview shows how the HunterLab color 31.8973, -1.9777, 1.6406 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 × Fail

Black Background



This preview shows how the HunterLab color 31.8973, -1.9777, 1.6406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

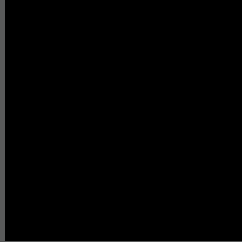
Any Text WCAG AA × Fail

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 31.8973, -1.9777, 1.6406 Background



This preview shows how black text looks on a background with the HunterLab color 31.8973, -1.9777, 1.6406.



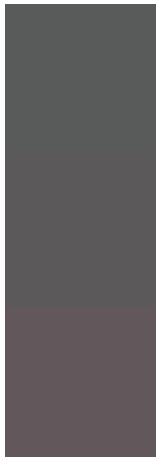
This preview shows how white text looks on a background with the HunterLab color 31.8973, -1.9777,

1.6406.

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

31.8973, -1.9777, 1.6406

Protanopia

31.7916, -0.9920, 1.5330

Deuteranopia

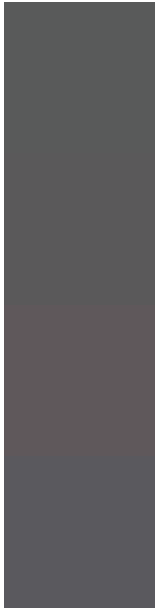
31.8879, 2.0405, 1.2822



Tritanopia

31.8794, -0.3557, -0.9437

Trichromacy



Original Color

31.8973, -1.9777, 1.6406

Protanomaly

31.7121, -1.2672, 1.4340

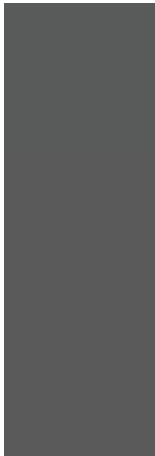
Deuteranomaly

31.8868, 0.7225, 1.2578

Tritanomaly

31.8223, -0.6664, -0.1332

Monochromacy



Original Color

31.8973, -1.9777, 1.6406

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

31.9753, -1.7061, 1.7373

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.8973, -1.9777, 1.6406 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(89, 90, 90)` looks like.

```
.text, #text, p{  
    color:rgb(89, 90, 90)  
}
```

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(89, 90, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 90, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 31.8973, -1.9777, 1.6406 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(89, 90, 90) }
```

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

```
.border{ border-color:rgb(89, 90, 90) }
```

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

Here you see how a box with a 4 pixel rgb(89, 90, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 90, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 90, 90);  
box-shadow:4px 4px 4px 4px rgb(89, 90, 90)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 31.8973, -1.9777, 1.6406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 90, 90) }
```

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

```
.background{ background-color: rgb(89, 90,  
90) }
```

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