

Converting Colors

HunterLab(19.9976, -3.0749,
6.7717)

Have a look what the booklet for
HunterLab(19.9976, -3.0749, 6.7717)
contains.

HunterLab(19.9142, -2.9586, 6.7597)	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(19.9142, -2.9586,
6.7597)**

Conversions

Conversions Part 1

Format	Color
Hex	3A3926
RGB	58, 57, 38
RGB Percent	23%, 22%, 15%
CMY	0.7725, 0.7765, 0.8510
CMYK	0.00, 0.02, 0.34, 0.77
HSL	57°, 21%, 19%
HSV	57°, 34%, 23%
XYZ	3.5579, 3.9658, 2.4117
YIQ	55.1330, 6.6950, -5.6970

Conversions

Conversions Part 2

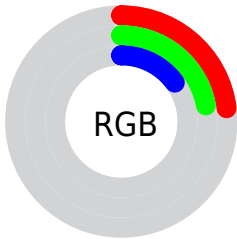
Format	Color
R_YB	39, 58, 38
Decimal	3815718
CIE Lab	23.56, -3.25, 12.04
CIE LCh	24, 12.467, 105.112
Yxy	3.9659, 0.3581, 0.3992
Android (android.graphics.Color)	4282005798 (0xFF3A3926)
YUV	55.1330, -8.4466, 2.5144
Hunter-Lab	19.9142, -2.9586, 6.7597

Details

The HunterLab color **19.9142, -2.9586, 6.7597** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.7260, 1.9702, -7.0083**, and the grayscale version is **19.6177, -1.0468, 1.0659**.

A 20% lighter version of the original color is **36.7810, -4.4930, 9.3939**, and **6.2066, -2.3761, 3.7829** is the 20% darker color. If you saturate the color by 10%, you get **19.7555, -3.3337, 7.9707**, and if you desaturate by 10%, it is **20.0874, -2.5107, 5.3583**.

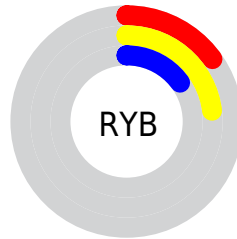
Distribution



Red (23%)

Green (22%)

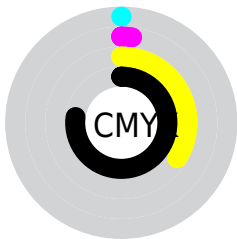
Blue (15%)



Red (15%)

Yellow (23%)

Blue (15%)

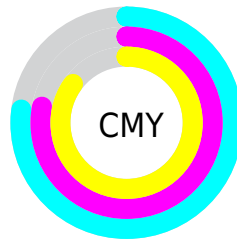


Cyan (0%)

Magenta (2%)

Yellow (34%)

Black (77%)



Cyan (77%)

Magenta (78%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9142, -2.9586, 6.7597 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 19.9142, -2.9586, 6.7597 by changing the saturation by 10% instead.

■ 19.9142, -2.9586,
6.7597

■ 19.9142, -2.9586,
6.7597

■ 118.0353, -9.7807,
18.0909

■ 12.8628, -2.3149,
5.3495

■ 36.7899, -4.3059,
9.4135

■ 6.2765, -2.5917,
4.3936

■ 46.4342, -5.0145,
10.6776

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.7993, -5.7479,
11.9221

0.0000, NaN, NaN

■ 67.8380, -6.5061,
13.1563

0.0000, NaN, NaN

■ 79.5116, -7.2888,
14.3865

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.7872, -8.0958,

15.6170

0.0000, NaN, NaN

104.6366, -8.9266,
16.8510

19.9142, -2.9586,
6.7597

19.9142, -2.9586,
6.7597

19.7555, -3.3337,
7.9707

20.0874, -2.5107,
5.3583

19.6098, -3.6354,
8.9935

20.2742, -1.9875,
3.7648

19.4769, -3.8662,
9.8328

20.4751, -1.3896,
1.9795

19.3564, -4.0287,
10.4952

20.6904, -0.7175,
0.0041

19.2473, -4.1274,
10.9917

20.9200, 0.0279,
-2.1590

■ 19.1420, -4.2059,
11.4369

■ 21.1639, 0.8454,
-4.5059

■ 19.0838, -4.2500,
11.6849

■ 21.4223, 1.7333,
-7.0321

■ 21.6949, 2.6897,
-9.7326

■ 21.9816, 3.7124,
-12.6013

Harmonies

Analogous

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



19.9146, 0.8766, 6.7647



19.9142, -2.9586, 6.7597



19.9146, -6.0472, 5.4453

Triad

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



19.9146, -2.9592, 6.7599



19.9146, -6.0288, -4.5858



19.9146, 6.6169, -0.8139

Complementary

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



19.9142, -2.9586, 6.7597



14.7260, 1.9702, -7.0083

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.



19.9146, 4.4639, -4.5610



19.9142, -2.9586, 6.7597



19.9146, -2.9324, -7.0041

Square

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



19.9146, -2.9592, 6.7599



19.9146, -7.7255, -0.8430



19.9146, 0.9055, -6.9942



19.9146, 6.6084, 2.8358

Rectangle

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



19.9142, -2.9586, 6.7597



19.9146, -7.3507, 3.8287



19.9146, 0.9055, -6.9942



19.9146, 6.1152, -2.1172

Sweetspot

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



19.9146, -2.9592, 6.7599



26.7769, -2.3129, 4.0468



15.5959, 4.8033, 2.3968



13.8490, -1.2131, 2.1429



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.



19.9146, -2.9592, 6.7599



26.0208, -4.3203, 10.2703



19.5424, -5.6137, 6.3801



10.7008, -0.8527, 1.4060



30.1938, -6.6118, 18.4895



77.7113, -16.6775, 47.5934

Inverse Universe

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



14.7260, 1.9702, -7.0083



17.6038, 3.8180, -12.4228



15.1530, 4.4538, -6.2477



10.0286, -0.2298, -0.3381



9.3204, 21.4711, -57.9995



23.1699, 59.1790, -156.7109

Previews

White Background



This preview shows how the HunterLab color 19.9142, -2.9586, 6.7597 looks on a white background.

Color Contrast Check

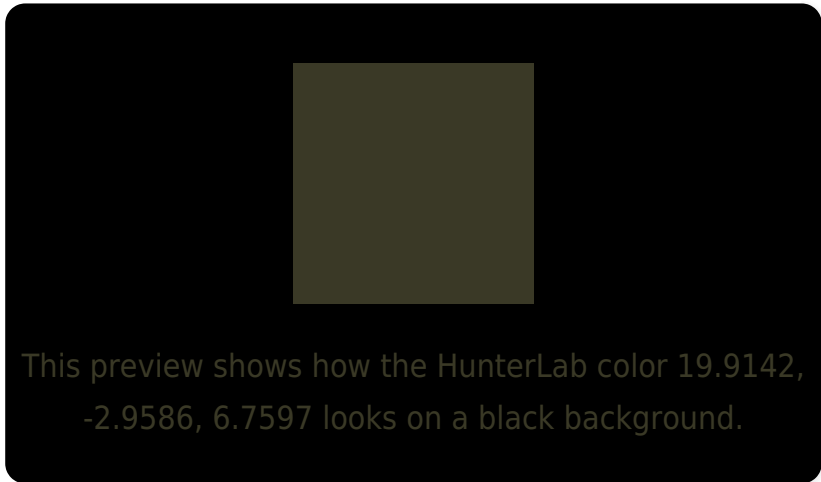
Large Text (above 18pt) WCAG AA ✓ Pass

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

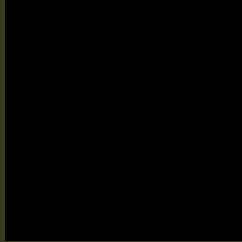
Any Text WCAG AA × Fail

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 19.9142, -2.9586, 6.7597 Background



This preview shows how black text looks on a background with the HunterLab color 19.9142, -2.9586, 6.7597.

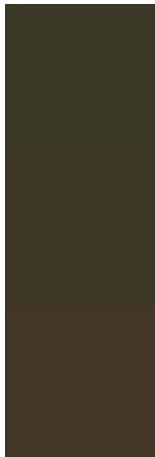


This preview shows how white text looks on a background with the HunterLab color 19.9142, -2.9586,

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

19.9142, -2.9586, 6.7597

Protanopia

19.9007, -1.7422, 6.7690

Deuteranopia

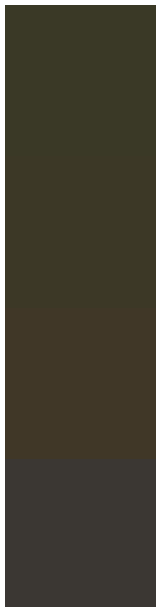
19.9452, 0.8950, 6.5999



Tritanopia

19.7858, 1.2095, -0.1859

Trichromacy



Original Color

19.9142, -2.9586, 6.7597

Protanomaly

19.8216, -2.0208, 6.6936

Deuteranomaly

19.9220, -0.3967, 6.5564

Tritanomaly

19.7515, -0.5182, 2.7601

Monochromacy



Original Color

19.9142, -2.9586, 6.7597

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.7252, -1.9467, 3.3865

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9142, -2.9586, 6.7597 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(58, 57, 38)` looks like.

```
.text, #text, p{  
    color:rgb(58, 57, 38)  
}
```

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(58, 57, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 57, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9142, -2.9586, 6.7597 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(58, 57, 38) }
```


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

```
.border{ border-color:rgb(58, 57, 38) }
```

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

Here you see how a box with a 4 pixel rgb(58, 57, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 57, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 57, 38);  
box-shadow:4px 4px 4px 4px rgb(58, 57, 38)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.9142, -2.9586, 6.7597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 57, 38) }
```

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

```
.background{ background-color: rgb(58, 57,  
38) }
```

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