

Converting Colors

HunterLab(16.0484, -1.6238,
0.6169)

Have a look what the booklet for
HunterLab(16.0484, -1.6238, 0.6169)
contains.

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Color

**HunterLab(15.9952, -1.5782,
0.6261)**

Conversions

Conversions Part 1

Format	Color
Hex	2A2D2D
RGB	42, 45, 45
RGB Percent	16%, 18%, 18%
CMY	0.8353, 0.8235, 0.8235
CMYK	0.07, 0.00, 0.00, 0.82
HSL	180°, 3%, 17%
HSV	180°, 7%, 18%
XYZ	2.3669, 2.5585, 2.8517
YIQ	44.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

Format	Color
RYB	42, 44, 45
Decimal	2764077
CIELab	18.18, -1.32, -0.46
CIElCh	18, 1.401, 199.226
Yxy	2.5586, 0.3043, 0.3290
Android (android.graphics.Color)	4280954157 (0xFF2A2D2D)
YUV	44.1030, 0.4422, -1.8443
Hunter-Lab	15.9952, -1.5782, 0.6261

Details

The HunterLab color **15.9952, -1.5782, 0.6261** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.4306, -0.0717, 1.0900**, and the grayscale version is **15.9035, -0.8486, 0.8641**.

A 20% lighter version of the original color is **32.0371, -2.8003, 1.3750**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.7129, -2.5838, 0.2695**, and if you desaturate by 10%, it is **16.3060, -0.4951, 1.0115**.

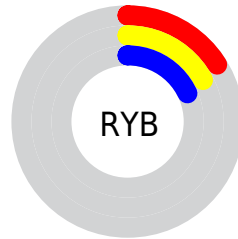
Distribution



Red (16%)

Green (18%)

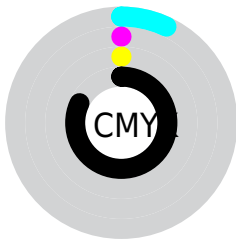
Blue (18%)



Red (16%)

Yellow (17%)

Blue (18%)

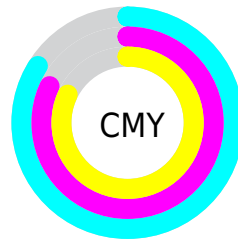


Cyan (7%)

Magenta (0%)

Yellow (0%)

Black (82%)



Cyan (84%)

Magenta (82%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9952, -1.5782, 0.6261 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 15.9952, -1.5782, 0.6261 by changing the saturation by 10% instead.

■ 15.9952, -1.5782,
0.6261

■ 15.9952, -1.5782,
0.6261

■ 110.7639, -7.3054,
5.5661

■ 9.5178, -1.1164,
0.3119

■ 31.9219, -2.6198,
1.4309

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.1555, -3.1947,
1.9066

0.0000, NaN, NaN

■ 51.1395, -3.8035,
2.4252

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.8212, -4.4445,
2.9834

0.0000, NaN, NaN

■ 73.1579, -5.1165,
3.5786

0.0000, NaN, NaN

■ 85.1135, -5.8180,

0.0000, NaN, NaN

4.2086

97.6577, -6.5480,
4.8717

15.9952, -1.5782,
0.6261

15.9952, -1.5782,
0.6261

15.7129, -2.5838,
0.2695

16.3060, -0.4951,
1.0115

15.4585, -3.5049,
-0.0572

16.6438, 0.6602,
1.4226

15.2325, -4.3368,
-0.3518

17.0082, 1.8808,
1.8576

15.0349, -5.0750,
-0.6130

17.3984, 3.1601,
2.3142

14.8654, -5.7166,
-0.8398

17.8136, 4.4919,
2.7902

■ 14.7235, -6.2601,
-1.0317

■ 18.2527, 5.8700,
3.2834

■ 14.6084, -6.7056,
-1.1888

■ 18.7150, 7.2887,
3.7920

■ 14.5085, -7.0950,
-1.3260

■ 19.1993, 8.7429,
4.3140

■ 14.4081, -7.4897,
-1.4651

■ 19.7048, 10.2278,
4.8479

Harmonies

Analogous

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



15.9955, -1.6075, 1.0077



15.9952, -1.5782, 0.6261



15.9955, -1.3566, 0.3031

Triad

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



15.9955, -1.5785, 0.6264



15.9955, -0.2640, 0.3824



15.9955, -0.7094, 1.5771

Complementary

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



15.9952, -1.5782, 0.6261



15.4306, -0.0717, 1.0900

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.



15.9955, -0.3458, 1.4182



15.9952, -1.5782, 0.6261



15.9955, -0.0870, 0.7324

Square

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



15.9955, -1.5785, 0.6264



15.9955, -0.5987, 0.1598



15.9955, -0.1170, 1.1112



15.9955, -1.1084, 1.5503

Rectangle

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



15.9952, -1.5782, 0.6261



15.9955, -1.1279, 0.1669



15.9955, -0.1170, 1.1112



15.9955, -0.5789, 1.5438

Sweetspot

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



15.9955, -1.5785, 0.6264



20.7079, -1.4052, 1.0246



15.9290, -1.9534, 1.6278



11.5407, -0.7580, 0.5794



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



15.9955, -1.5785, 0.6264



20.4629, -2.2660, 0.7187



15.6518, -1.0171, 0.2220



9.1003, -0.9879, 0.3263



27.2961, -14.4753, -2.8699



72.8402, -38.6285, -7.6561

Inverse Universe

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



15.4306, -0.0717, 1.0900



19.5436, 0.1866, 1.4734



15.7664, -0.6401, 1.4665



8.7074, 0.0604, 0.6488



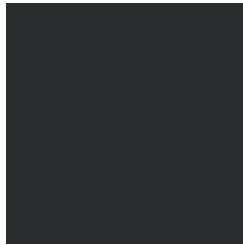
14.1841, 24.2910, 9.1628



37.8502, 64.8199, 24.4555

Previews

White Background



This preview shows how the HunterLab color 15.9952, -1.5782, 0.6261 looks on a white background.

Color Contrast Check

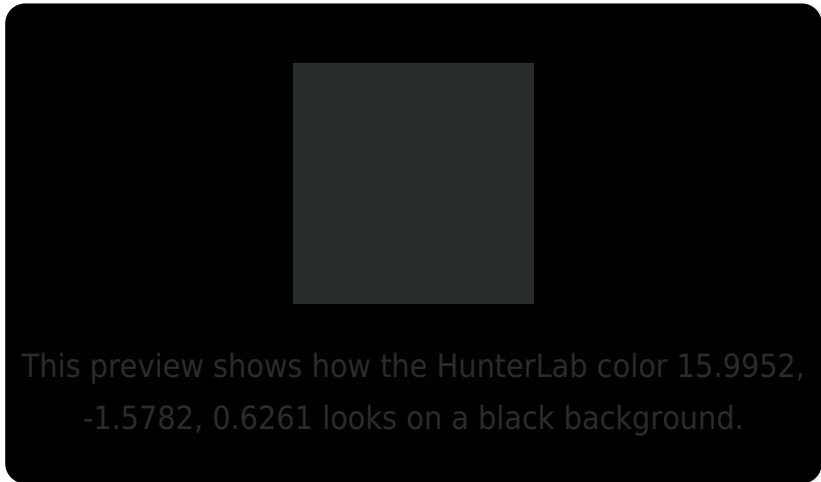
Large Text (above 18pt) WCAG AA ✓ Pass

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

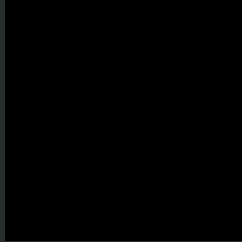
Any Text WCAG AA × Fail

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 15.9952, -1.5782, 0.6261 Background



This preview shows how black text looks on a background with the HunterLab color 15.9952, -1.5782, 0.6261.



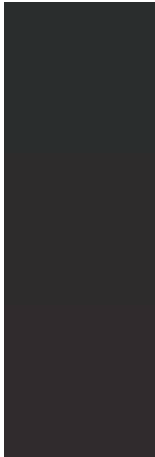
This preview shows how white text looks on a background with the HunterLab color 15.9952, -1.5782,

0.6261.

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

15.9952, -1.5782, 0.6261

Protanopia

15.9408, -0.6022, 0.9493

Deuteranopia

15.9549, 0.6799, 0.6176



Tritanopia

16.1362, -0.9354, -0.3479

Trichromacy



Original Color

15.9952, -1.5782, 0.6261

Protanomaly

15.8704, -0.8468, 0.8623

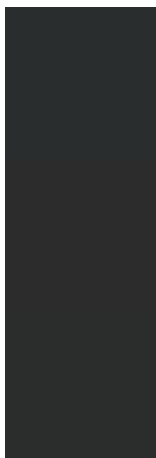
Deuteranomaly

16.0364, -0.2248, 0.6989

Tritanomaly

16.1109, -1.0744, 0.0116

Monochromacy



Original Color

15.9952, -1.5782, 0.6261

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.8013, -1.0877, 0.7766

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9952, -1.5782, 0.6261 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(42, 45, 45)` looks like.

```
.text, #text, p{  
    color:rgb(42, 45, 45)  
}
```

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(42, 45, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 45, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9952, -1.5782, 0.6261 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(42, 45, 45) }
```


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

```
.border{ border-color:rgb(42, 45, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 45, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 45, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 45, 45);  
box-shadow:4px 4px 4px 4px rgb(42, 45, 45)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.9952, -1.5782, 0.6261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 45, 45) }
```

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

```
.background{ background-color: rgb(42, 45,  
45) }
```

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](#).

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