

Converting Colors

HunterLab(16.5287, 5.5654,
6.0255)

Have a look what the booklet for
HunterLab(16.5287, 5.5654, 6.0255)
contains.

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Color

**HunterLab(16.6269, 5.5502,
6.1976)**

Conversions

Conversions Part 1

Format	Color
Hex	42281D
RGB	66, 40, 29
RGB Percent	26%, 16%, 11%
CMY	0.7412, 0.8431, 0.8863
CMYK	0.00, 0.39, 0.56, 0.74
HSL	18°, 39%, 19%
HSV	18°, 56%, 26%
XYZ	3.2273, 2.7645, 1.5259
YIQ	46.5200, 19.0270, 2.0910

Conversions

Conversions Part 2

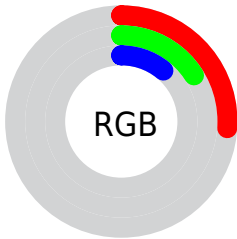
Format	Color
RYB	66, 45, 29
Decimal	4335645
CIELab	19.08, 10.72, 12.26
CIELCh	19, 16.284, 48.819
Yxy	2.7647, 0.4293, 0.3677
Android (android.graphics.Color)	4282525725 (0xFF42281D)
YUV	46.5200, -8.6374, 17.0840
Hunter-Lab	16.6269, 5.5502, 6.1976

Details

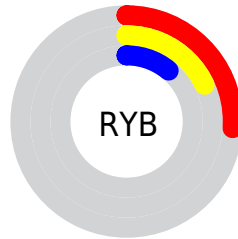
The HunterLab color **16.6269, 5.5502, 6.1976** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **18.4032, -4.5023, -5.3444**, and the grayscale version is **16.7246, -0.8924, 0.9087**.

A 20% lighter version of the original color is **32.6972, 6.3989, 8.8300**, and **3.3190, 5.6839, 2.1447** is the 20% darker color. If you saturate the color by 10%, you get **15.6248, 7.0120, 6.7930**, and if you desaturate by 10%, it is **17.6991, 4.1618, 5.4944**.

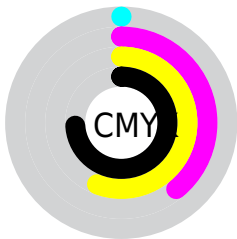
Distribution



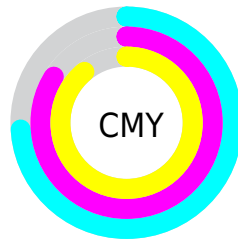
- Red (26%)
- Green (16%)
- Blue (11%)



- Red (26%)
- Yellow (18%)
- Blue (11%)



- Cyan (0%)
- Magenta (39%)
- Yellow (56%)
- Black (74%)



- Cyan (74%)
- Magenta (84%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.6269, 5.5502, 6.1976 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 16.6269, 5.5502, 6.1976 by changing the saturation by 10% instead.

■ 16.6269, 5.5502,
6.1976

■ 16.6269, 5.5502,
6.1976

■ 111.9624, 5.5803,
17.7306

■ 10.0506, 5.0578,
5.6364

■ 32.7154, 6.1180,
8.9483

0.0000, INF, NaN

0.0000, NaN, NaN

■ 42.0185, 6.2471,
10.2405

0.0000, NaN, NaN

■ 52.0669, 6.2938,
11.5062

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.8089, 6.2684,
12.7568

0.0000, NaN, NaN


■ 74.2023, 6.1787,
14.0000


0.0000, NaN, NaN


■ 86.2117, 6.0310,


0.0000, NaN, NaN


15.2410


 98.8071, 5.8302,
16.4836

 16.6269, 5.5502,
6.1976


 16.6269, 5.5502,
6.1976

 15.6248, 7.0120,
6.7930


 17.6991, 4.1618,
5.4944


 14.6998, 8.5392,
7.2616


 18.8327, 2.8532,
4.6991


 13.8606, 10.1099,
7.5877

 20.0217, 1.6228,
3.8263

 13.1036, 11.6358,
7.9402

 21.2603, 0.4671,
2.8880

 12.8274, 12.2065,
8.1179

 22.5435, -0.6189,
1.8941

■ 23.8670, -1.6408,
0.8525

■ 25.2270, -2.6046,
-0.2302

■ 26.6204, -3.5158,
-1.3488

■ 28.0443, -4.3798,
-2.4991

Harmonies

Analogous

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



16.6273, 8.6492, 3.4662



16.6269, 5.5502, 6.1976



16.6273, 0.9166, 7.3622

Triad

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



16.6273, 5.5493, 6.1978



16.6273, -8.9185, 2.5002



16.6273, 2.1555, -9.5718

Complementary

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



16.6269, 5.5502, 6.1976



18.4032, -4.5023, -5.3444

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.



16.6273, -2.6190, -10.0460



16.6269, 5.5502, 6.1976



16.6273, -8.6662, -2.1419

Square

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



16.6273, 5.5493, 6.1978



16.6273, -7.2072, 5.6619



16.6273, -6.4742, -7.0327



16.6273, 6.5433, -5.8763

Rectangle

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



16.6269, 5.5502, 6.1976



16.6273, -2.2625, 7.3958



16.6273, -6.4742, -7.0327



16.6273, 0.5325, -10.1454

Sweetspot

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



16.6273, 5.5493, 6.1978



27.7409, 0.8653, 4.0198



15.2244, 13.0824, -4.7201



14.0709, 0.4845, 2.0832



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



16.6273, 5.5493, 6.1978



20.1085, 10.0106, 9.2126



20.6673, -1.7868, 9.3691



11.7870, -0.1898, 1.1368



18.4540, 19.4925, 11.7125



44.6015, 53.4383, 28.4188

Inverse Universe

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



18.4032, -4.5023, -5.3444



22.9081, -6.1290, -9.1625



14.0668, 2.6928, -13.0094



11.9419, -1.0454, 0.1417



22.3741, -5.4444, -16.2127



54.5405, -11.3990, -43.5637

Previews

White Background



This preview shows how the HunterLab color 16.6269, 5.5502, 6.1976 looks on a white background.

Color Contrast Check

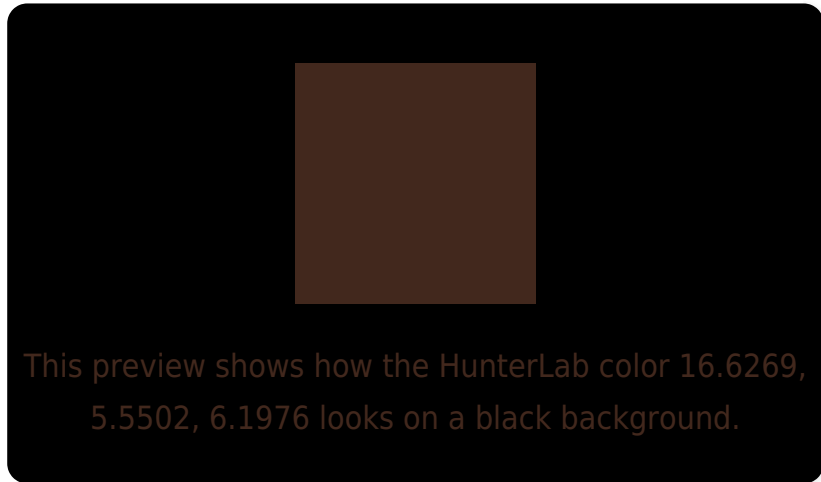
Large Text (above 18pt) WCAG AA ✓ Pass

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

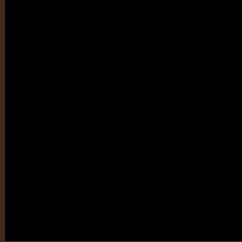
Any Text WCAG AA × Fail

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 16.6269, 5.5502, 6.1976 Background



This preview shows how black text looks on a background with the HunterLab color 16.6269, 5.5502, 6.1976.

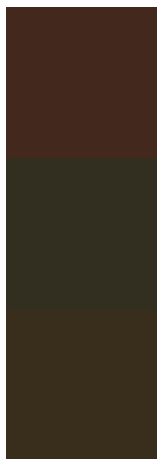


This preview shows how white text looks on a background with the HunterLab color 16.6269, 5.5502,

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

16.6269, 5.5502, 6.1976

Protanopia

16.8556, -1.5138, 5.5532

Deuteranopia

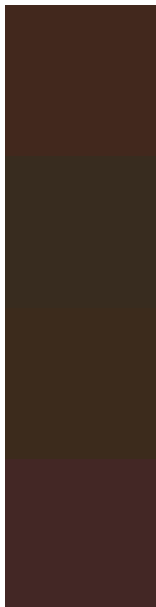
16.8240, 0.6404, 6.5064



Tritanopia

16.5518, 7.7884, 2.8209

Trichromacy



Original Color

16.6269, 5.5502, 6.1976

Protanomaly

16.5561, 0.9875, 5.5767

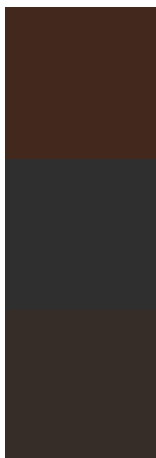
Deuteranomaly

16.6501, 2.3485, 6.3887

Tritanomaly

16.6670, 6.9694, 4.1659

Monochromacy



Original Color

16.6269, 5.5502, 6.1976

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

16.5494, 1.2929, 3.0283

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.6269, 5.5502, 6.1976 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(66, 40, 29)` looks like.

```
.text, #text, p{  
    color:rgb(66, 40, 29)  
}
```

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(66, 40, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 40, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 16.6269, 5.5502, 6.1976 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(66, 40, 29) }
```


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

```
.border{ border-color:rgb(66, 40, 29) }
```

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

Here you see how a box with a 4 pixel rgb(66, 40, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 40, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 40, 29);  
box-shadow:4px 4px 4px 4px rgb(66, 40, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.6269, 5.5502, 6.1976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 40, 29) }
```

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

```
.background{ background-color: rgb(66, 40,  
29) }
```

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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