

Converting Colors

HunterLab(16.0343, 7.3519,
3.6219)

Have a look what the booklet for
HunterLab(16.0343, 7.3519, 3.6219)
contains.

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Color

**HunterLab(16.0640, 7.1731,
3.5642)**

Conversions

Conversions Part 1

Format	Color
Hex	412525
RGB	65, 37, 37
RGB Percent	25%, 15%, 15%
CMY	0.7451, 0.8549, 0.8549
CMYK	0.00, 0.43, 0.43, 0.75
HSL	0°, 27%, 20%
HSV	0°, 43%, 25%
XYZ	3.1755, 2.5805, 2.0810
YIQ	45.3720, 16.6880, 5.9360

Conversions

Conversions Part 2

Format	Color
RYB	65, 37, 37
Decimal	4269349
CIELab	18.28, 13.28, 5.63
CIElCh	18, 14.426, 22.969
Yxy	2.5806, 0.4052, 0.3293
Android (android.graphics.Color)	4282459429 (0xFF412525)
YUV	45.3720, -4.1274, 17.2138
Hunter-Lab	16.0640, 7.1731, 3.5642

Details

The HunterLab color **16.0640, 7.1731, 3.5642** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **21.3433, -7.1820, -0.8666**, and the grayscale version is **16.3314, -0.8714, 0.8873**.

A 20% lighter version of the original color is **31.9706, 8.1456, 5.0388**, and **3.1868, 5.4575, 2.0592** is the 20% darker color. If you saturate the color by 10%, you get **14.7455, 9.2747, 4.1739**, and if you desaturate by 10%, it is **17.5111, 5.1092, 2.9774**.

Distribution



Red (25%)

Green (15%)

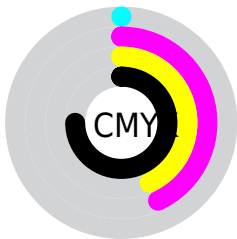
Blue (15%)



Red (25%)

Yellow (15%)

Blue (15%)

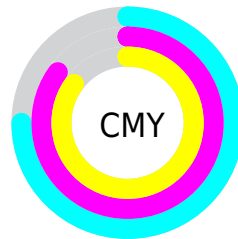


Cyan (0%)

Magenta (43%)

Yellow (43%)

Black (75%)



Cyan (75%)

Magenta (85%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.0640, 7.1731, 3.5642 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 16.0640, 7.1731, 3.5642 by changing the saturation by 10% instead.

■ 16.0640, 7.1731,
3.5642

■ 16.0640, 7.1731,
3.5642

■ 110.8950, 8.4214,
11.5318

■ 9.5757, 6.4924,
2.9605

■ 32.0086, 8.0740,
5.2514

0.0000, INF, NaN

0.0000, NaN, NaN

■ 41.2498, 8.3516,
6.1006

0.0000, NaN, NaN

■ 51.2408, 8.5374,
6.9624

0.0000, NaN, NaN

■ 61.9292, 8.6433,
7.8398

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 73.2721, 8.6782,
8.7346

0.0000, NaN, NaN


■ 85.2337, 8.6493,

0.0000, NaN, NaN


9.6479


 97.7835, 8.5621,
10.5801

 16.0640, 7.1731,
3.5642


 16.0640, 7.1731,
3.5642


 14.7455, 9.2747,
4.1739


 17.5111, 5.1092,
2.9774


 13.5763, 11.3667,
4.7907


 19.0667, 3.1102,
2.4196


 12.5800, 13.3652,
5.3885

 20.7157, 1.1839,
1.8930

 11.7788, 15.1526,
5.9296

 22.4449, -0.6702,
1.3963

 11.0971, 16.8285,
6.4421

 24.2440, -2.4572,
0.9271

■ 10.6014, 18.1531,
6.8504

■ 26.1045, -4.1843,
0.4824

■ 28.0192, -5.8592,
0.0592

■ 29.9827, -7.4890,
-0.3455

■ 31.9900, -9.0806,
-0.7342

Harmonies

Analogous

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



16.0644, 7.8572, -0.0831



16.0640, 7.1731, 3.5642



16.0644, 4.2378, 5.8321

Triad

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



16.0644, 7.1723, 3.5645



16.0644, -6.7469, 4.8084



16.0644, -1.8235, -8.6353

Complementary

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



16.0640, 7.1731, 3.5642



21.3433, -7.1820, -0.8666

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.



16.0644, -5.3885, -6.4457



16.0640, 7.1731, 3.5642



16.0644, -8.0378, 1.7764

Square

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



16.0644, 7.1723, 3.5645



16.0644, -3.8560, 6.4126



16.0644, -7.5670, -2.3801



16.0644, 2.3773, -7.8062

Rectangle

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



16.0640, 7.1731, 3.5642



16.0644, 1.5475, 6.5725



16.0644, -7.5670, -2.3801



16.0644, -3.1298, -8.2126

Sweetspot

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



16.0644, 7.1723, 3.5645



26.7740, 1.6515, 2.4873



16.8185, 10.8523, -7.0765



13.9215, 1.0155, 1.3458



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.



16.0644, 7.1723, 3.5645



18.9525, 12.3374, 5.5044



19.0395, 1.3478, 6.3052



11.5712, 0.1802, 0.8961



15.9249, 27.2697, 10.2903



39.8893, 68.3097, 25.7755

Inverse Universe

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



21.3433, -7.1820, -0.8666



27.3221, -10.7166, -1.6200



17.7275, -1.8134, -5.8342



12.1665, -1.4078, 0.4067



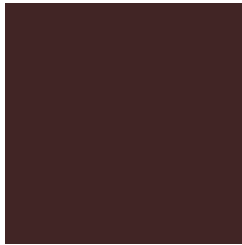
30.6447, -16.2451, -3.2347



76.7609, -40.6916, -8.1030

Previews

White Background



This preview shows how the HunterLab color 16.0640, 7.1731, 3.5642 looks on a white background.

Color Contrast Check

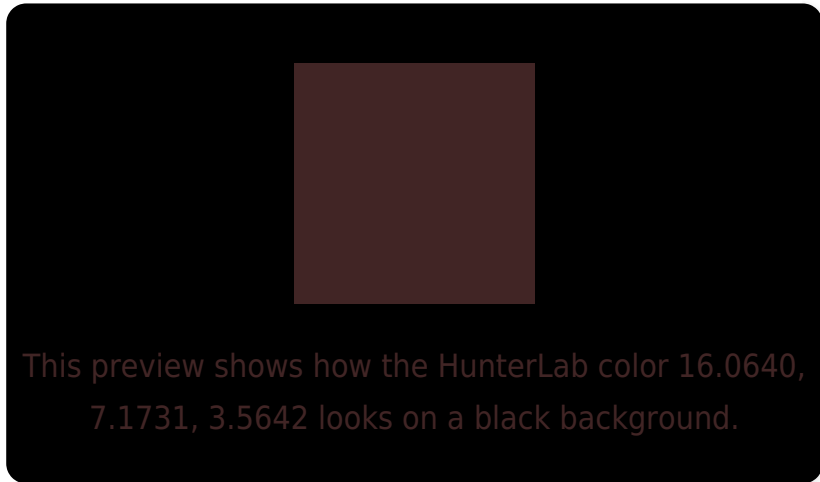
Large Text (above 18pt) WCAG AA ✓ Pass

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

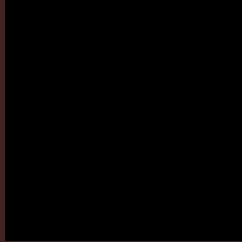
Any Text WCAG AA × Fail

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 16.0640, 7.1731, 3.5642 Background



This preview shows how black text looks on a background with the HunterLab color 16.0640, 7.1731, 3.5642.

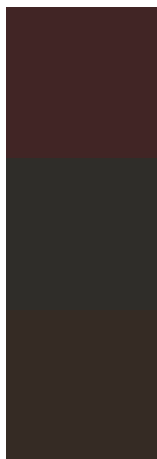


This preview shows how white text looks on a background with the HunterLab color 16.0640, 7.1731,

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

16.0640, 7.1731, 3.5642

Protanopia

16.2518, -0.8622, 2.3459

Deuteranopia

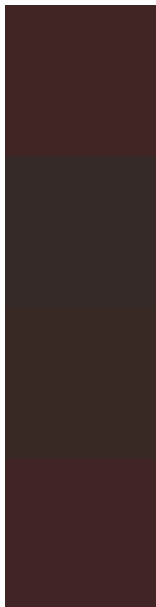
16.1617, 0.9909, 3.8531



Tritanopia

16.1042, 7.3728, 2.9856

Trichromacy



Original Color

16.0640, 7.1731, 3.5642

Protanomaly

16.1040, 2.1031, 2.5691

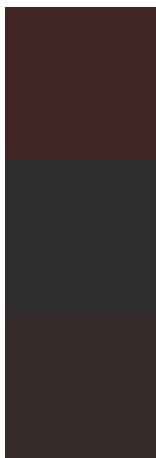
Deuteranomaly

16.0721, 2.9571, 3.7981

Tritanomaly

16.0838, 7.2717, 3.2784

Monochromacy



Original Color

16.0640, 7.1731, 3.5642

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

15.9786, 1.7757, 1.7490

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.0640, 7.1731, 3.5642 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(65, 37, 37)` looks like.

```
.text, #text, p{  
    color:rgb(65, 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(65, 37, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 37, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 16.0640, 7.1731, 3.5642 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(65, 37, 37) }
```


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

```
.border{ border-color:rgb(65, 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(65, 37, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 37, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 37, 37);  
box-shadow:4px 4px 4px 4px rgb(65, 37, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.0640, 7.1731, 3.5642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 37, 37) }
```

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

```
.background{ background-color: rgb(65, 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](#).

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