

Converting Colors

HunterLab(15.6393, 5.2121,
6.6045)

Have a look what the booklet for
HunterLab(15.6393, 5.2121, 6.6045)
contains.

HunterLab(15.6261, 5.3945, 6.6475)	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(15.6261, 5.3945,
6.6475)**

Conversions

Conversions Part 1

Format	Color
Hex	3F2517
RGB	63, 37, 23
RGB Percent	25%, 15%, 9%
CMY	0.7529, 0.8549, 0.9098
CMYK	0.00, 0.41, 0.63, 0.75
HSL	21°, 47%, 17%
HSV	21°, 63%, 25%
XYZ	2.8661, 2.4418, 1.1308
YIQ	43.1780, 19.9900, 1.1580

Conversions

Conversions Part 2

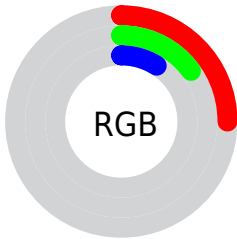
Format	Color
RYB	63, 45, 23
Decimal	4138263
CIELab	17.65, 10.57, 14.39
CIElCh	18, 17.853, 53.695
Yxy	2.4419, 0.4451, 0.3792
Android (android.graphics.Color)	4282328343 (0xFF3F2517)
YUV	43.1780, -9.9478, 17.3839
Hunter-Lab	15.6261, 5.3945, 6.6475

Details

The HunterLab color **15.6261, 5.3945, 6.6475** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **16.5455, -3.6147, -6.7196**, and the grayscale version is **15.6282, -0.8339, 0.8491**.

A 20% lighter version of the original color is **31.5256, 6.0411, 9.8381**, and **0.8033, 1.3757, 0.5191** is the 20% darker color. If you saturate the color by 10%, you get **14.7610, 6.6979, 7.1318**, and if you desaturate by 10%, it is **16.5515, 4.1614, 6.0378**.

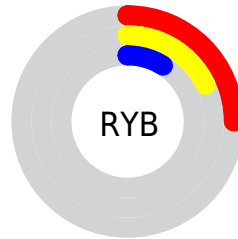
Distribution



 Red (25%)

 Green (15%)

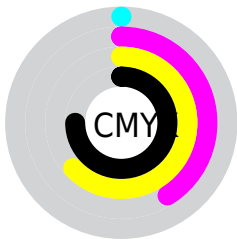
 Blue (9%)



 Red (25%)

 Yellow (18%)

 Blue (9%)

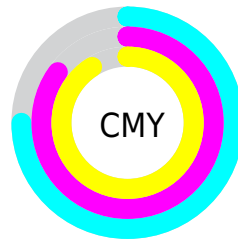


 Cyan (0%)

 Magenta (41%)

 Yellow (63%)

 Black (75%)



 Cyan (75%)

 Magenta (85%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.6261, 5.3945, 6.6475 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 15.6261, 5.3945, 6.6475 by changing the saturation by 10% instead.

15.6261, 5.3945,
6.6475

15.6261, 5.3945,
6.6475

110.0585, 5.4529,
19.4259

9.2049, 4.9002,
6.4435

31.4566, 5.9774,
9.7900

0.0000, INF, NaN

0.0000, NaN, NaN

40.6488, 6.1107,
11.2390

0.0000, NaN, NaN

50.5946, 6.1604,
12.6450

0.0000, NaN, NaN

0.0000, NaN, NaN

61.2407, 6.1372,
14.0235

0.0000, NaN, NaN


72.5438, 6.0491,
15.3846


0.0000, NaN, NaN

84.4676, 5.9025,


0.0000, NaN, NaN


16.7355


 96.9813, 5.7024,
18.0813


 15.6261, 5.3945,
6.6475


 15.6261, 5.3945,
6.6475

 14.7610, 6.6979,
7.1318


 16.5515, 4.1614,
6.0378


 13.9611, 8.0646,
7.4754


 17.5303, 3.0049,
5.3173

 13.2250, 9.4383,
7.7865

 18.5576, 1.9240,
4.5002

 12.7773, 10.2991,
8.0536

 19.6287, 0.9161,
3.5991

 20.7396, -0.0230,
2.6250

■ 21.8866, -0.8982,
1.5872

■ 23.0664, -1.7145,
0.4935

■ 24.2764, -2.4773,
-0.6494

■ 25.5140, -3.1913,
-1.8360

Harmonies

Analogous

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



15.6265, 9.1769, 4.1490



15.6261, 5.3945, 6.6475



15.6265, 0.2550, 7.5716

Triad

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



15.6265, 5.3937, 6.6477



15.6265, -9.4223, 1.8391



15.6265, 3.2968, -10.3040

Complementary

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



15.6261, 5.3945, 6.6475



16.5455, -3.6147, -6.7196

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.



15.6265, -1.8952, -11.5236



15.6261, 5.3945, 6.6475



15.6265, -8.8258, -3.3731

Square

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



15.6265, 5.3937, 6.6477



15.6265, -7.9665, 5.4205



15.6265, -6.2183, -8.6677



15.6265, 7.8619, -5.7281

Rectangle

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



15.6261, 5.3945, 6.6475



15.6265, -3.0852, 7.4656



15.6265, -6.2183, -8.6677



15.6265, 1.5510, -11.1702

Sweetspot

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



15.6265, 5.3937, 6.6477



25.9687, 0.7309, 4.2128



13.7525, 13.7120, -3.8129



13.2400, 0.4448, 2.2316



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



15.6265, 5.3937, 6.6477



18.5234, 9.7018, 9.5271



20.1118, -2.6438, 9.9568



11.0751, -0.2481, 1.0921



18.6746, 16.9913, 11.8047



45.7232, 47.9488, 29.0138

Inverse Universe

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



16.5455, -3.6147, -6.7196



19.9196, -4.4088, -11.3260



11.9155, 4.4639, -15.9792



11.1452, -0.9108, 0.1016



20.4611, -3.3351, -18.3751



50.2702, -5.7103, -50.5065

Previews

White Background



This preview shows how the HunterLab color 15.6261, 5.3945, 6.6475 looks on a white background.

Color Contrast Check

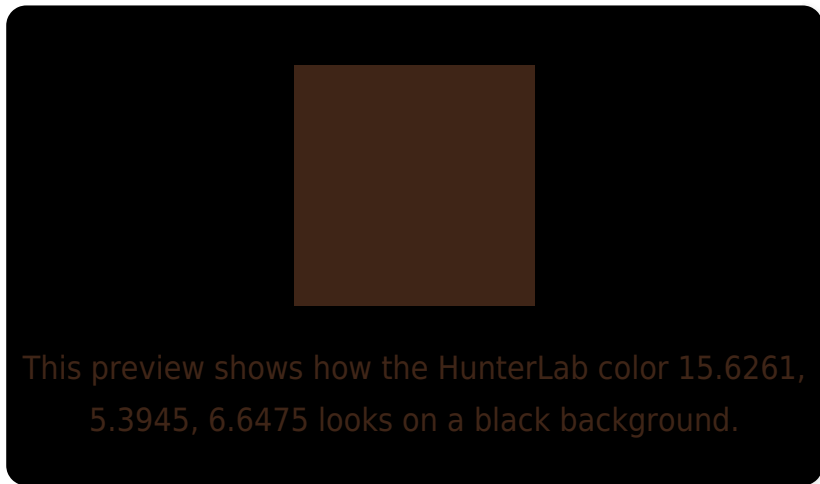
Large Text (above 18pt) WCAG AA ✓ Pass

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

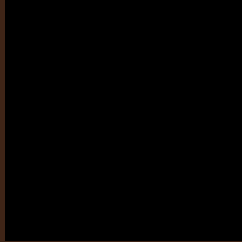
Any Text WCAG AA × Fail

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 15.6261, 5.3945, 6.6475 Background



This preview shows how black text looks on a background with the HunterLab color 15.6261, 5.3945, 6.6475.

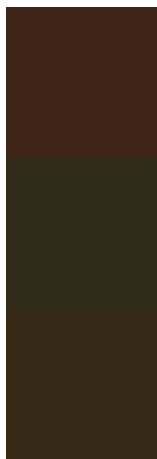


This preview shows how white text looks on a background with the HunterLab color 15.6261, 5.3945,

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

15.6261, 5.3945, 6.6475

Protanopia

15.8112, -1.7593, 6.2632

Deuteranopia

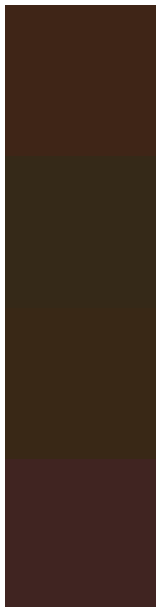
15.8055, 0.5078, 6.9007



Tritanopia

15.5948, 7.7940, 2.7743

Trichromacy



Original Color

15.6261, 5.3945, 6.6475

Protanomaly

15.5200, 0.7421, 6.2751

Deuteranomaly

15.6377, 2.2091, 6.7966

Tritanomaly

15.6893, 6.8998, 4.3511

Monochromacy



Original Color

15.6261, 5.3945, 6.6475

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.4640, 0.9499, 3.1462

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.6261, 5.3945, 6.6475 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(63, 37, 23)` looks like.

```
.text, #text, p{  
    color:rgb(63, 37, 23)  
}
```

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(63, 37, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 37, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 15.6261, 5.3945, 6.6475 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(63, 37, 23) }
```


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

```
.border{ border-color:rgb(63, 37, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 37, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 37, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 37, 23);  
box-shadow:4px 4px 4px 4px rgb(63, 37, 23)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.6261, 5.3945, 6.6475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 37, 23) }
```

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

```
.background{ background-color: rgb(63, 37,  
23) }
```

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