

Converting Colors

HunterLab(40.6093, -5.5957,
18.8601)

Have a look what the booklet for
HunterLab(40.6093, -5.5957,
18.8601) contains.

HunterLab(40.6956, -5.5332, 18.9514)	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(40.6956, -5.5332,
18.9514)**

Conversions

Conversions Part 1

Format	Color
Hex	7B723B
RGB	123, 114, 59
RGB Percent	48%, 45%, 23%
CMY	0.5176, 0.5529, 0.7686
CMYK	0.00, 0.07, 0.52, 0.52
HSL	52°, 35%, 36%
HSV	52°, 52%, 48%
XYZ	14.9751, 16.5613, 6.5450
YIQ	110.4210, 23.0190, -15.1970

Conversions

Conversions Part 2

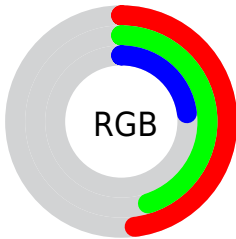
Format	Color
RYB	69, 123, 59
Decimal	8090171
CIELab	47.70, -4.53, 31.49
CIElCh	48, 31.811, 98.186
Yxy	16.5621, 0.3932, 0.4349
Android (android.graphics.Color)	4286280251 (0xFF7B723B)
YUV	110.4210, -25.3506, 11.0318
Hunter-Lab	40.6956, -5.5332, 18.9514

Details

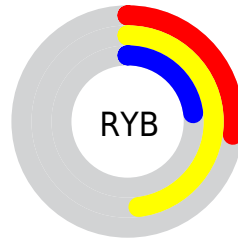
The HunterLab color **40.6956, -5.5332, 18.9514** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **25.4831, 7.5600, -27.7636**, and the grayscale version is **39.7368, -2.1203, 2.1590**.

A 20% lighter version of the original color is **61.4022, -7.2344, 24.0097**, and **23.0287, -3.9211, 13.1412** is the 20% darker color. If you saturate the color by 10%, you get **40.0783, -5.5577, 20.6669**, and if you desaturate by 10%, it is **41.3508, -5.3254, 16.7667**.

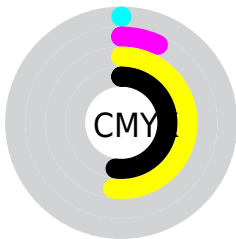
Distribution



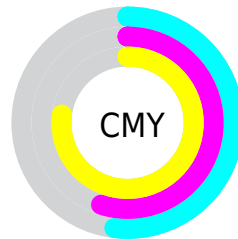
- Red (48%)
- Green (45%)
- Blue (23%)



- Red (27%)
- Yellow (48%)
- Blue (23%)



- Cyan (0%)
- Magenta (7%)
- Yellow (52%)
- Black (52%)



- Cyan (52%)
- Magenta (55%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6956, -5.5332, 18.9514 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 40.6956, -5.5332, 18.9514 by changing the saturation by 10% instead.

40.6956, -5.5332,
18.9514

40.6956, -5.5332,
18.9514

152.5241,
-13.4180, 39.3947

31.5004, -4.7589,
16.2055

61.2954, -7.1418,
23.9968

23.1253, -3.9979,
13.2427

72.6016, -7.9757,
26.3618

15.6612, -3.2453,
10.9628

84.5284, -8.8305,
28.6513

9.2348, -2.6306,
6.4644

97.0451, -9.7064,
30.8805

0.0000, NaN, NaN

0.0000, NaN, NaN

110.1250,
-10.6032, 33.0612

0.0000, NaN, NaN

123.7448,

0.0000, NaN, NaN

-11.5209, 35.2026

0.0000, NaN, NaN

137.8840,
-12.4593, 37.3118

■ 40.6956, -5.5332,
18.9514

■ 40.6956, -5.5332,
18.9514

■ 40.0783, -5.5577,
20.6669

■ 41.3508, -5.3254,
16.7667

■ 39.4951, -5.4005,
21.9245

■ 42.0419, -4.9268,
14.1063

■ 38.9453, -5.0726,
22.7457

■ 42.7700, -4.3378,
10.9710

■ 38.4265, -4.5877,
23.1637

■ 43.5352, -3.5591,
7.3658

■ 38.0252, -4.1459,
23.3584

■ 44.3375, -2.5934,
3.2994

■ 45.1764, -1.4443,
-1.2162

■ 46.0515, -0.1166,
-6.1668

■ 46.9622, 1.3841,
-11.5366

■ 47.9079, 3.0517,
-17.3082

Harmonies

Analogous

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



40.6965, 7.1327, 18.2205



40.6956, -5.5332, 18.9514



40.6965, -15.9720, 16.3832

Triad

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



40.6965, -5.5346, 18.9518



40.6965, -19.3700, -14.5751



40.6965, 22.5873, -7.2129

Complementary

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



40.6956, -5.5332, 18.9514



25.4831, 7.5600, -27.7636

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.



40.6965, 13.7498, -20.1220



40.6956, -5.5332, 18.9514



40.6965, -10.7123, -25.1874

Square

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



40.6965, -5.5346, 18.9518



40.6965, -23.3065, -1.1712



40.6965, 1.3001, -27.4764



40.6965, 24.4067, 5.3336

Rectangle

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



40.6956, -5.5332, 18.9514



40.6965, -20.6239, 12.5052



40.6965, 1.3001, -27.4764



40.6965, 20.2917, -11.7494

Sweetspot

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



40.6965, -5.5346, 18.9518



57.8056, -5.2483, 12.0378



27.8635, 20.3892, 5.6836



27.9701, -2.6310, 6.2317



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



40.6965, -5.5346, 18.9518



53.5130, -7.4209, 27.9457



41.5034, -15.8831, 19.3850



21.3131, -1.6029, 3.0222



38.6680, -4.2046, 23.7534



83.8962, -8.2859, 51.5514

Inverse Universe

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



25.4831, 7.5600, -27.7636



29.3142, 14.7615, -49.5489



25.1500, 16.7909, -28.3848



19.9402, -0.5304, -0.9335



13.7769, 26.5217, -74.4727



28.7886, 62.8239, -171.6020

Previews

White Background



This preview shows how the HunterLab color 40.6956, -5.5332, 18.9514 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 × Fail

Black Background



This preview shows how the HunterLab color 40.6956, -5.5332, 18.9514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

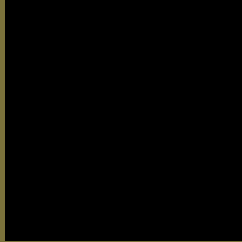
Any Text WCAG AA × Fail

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 40.6956, -5.5332, 18.9514 Background



This preview shows how black text looks on a background with the HunterLab color 40.6956, -5.5332, 18.9514.



This preview shows how white text looks on a background with the HunterLab color 40.6956, -5.5332, 18.9514.

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

40.6956, -5.5332, 18.9514

Protanopia

40.6029, -4.4435, 18.8996

Deuteranopia

40.6698, 2.6756, 18.8752



Tritanopia

40.8083, 5.4306, 1.2349

Trichromacy



Original Color

40.6956, -5.5332, 18.9514

Protanomaly

40.5106, -4.7702, 18.8232

Deuteranomaly

40.5767, -0.3405, 18.7507

Tritanomaly

40.6080, 0.9983, 9.2327

Monochromacy



Original Color

40.6956, -5.5332, 18.9514

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

39.7103, -3.6718, 9.6273

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6956, -5.5332, 18.9514 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(123, 114, 59)` looks like.

```
.text, #text, p{  
    color:rgb(123, 114, 59)  
}
```

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(123, 114, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 114, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6956, -5.5332, 18.9514 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(123, 114, 59) }
```


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

```
.border{ border-color:rgb(123, 114, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 114, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 114, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 114, 59);  
box-shadow:4px 4px 4px 4px rgb(123, 114,  
59) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6956, -5.5332, 18.9514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 114, 59) }
```

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

```
.background{ background-color: rgb(123,  
114, 59) }
```

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