

Converting Colors

HunterLab(40.0463, -5.5680,
22.8579)

Have a look what the booklet for
HunterLab(40.0463, -5.5680,
22.8579) contains.

HunterLab(40.0463, -5.5680, 22.8579)	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(40.0463, -5.5680,
22.8579)**

Conversions

Conversions Part 1

Format	Color
Hex	7D701D
RGB	125, 112, 29
RGB Percent	49%, 44%, 11%
CMY	0.5098, 0.5608, 0.8863
CMYK	0.00, 0.10, 0.77, 0.51
HSL	52°, 62%, 30%
HSV	52°, 77%, 49%
XYZ	14.4734, 16.0371, 3.4950
YIQ	106.4250, 34.3910, -23.0570

Conversions

Conversions Part 2

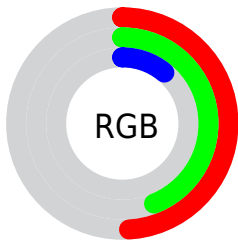
Format	Color
R_{YB}	44, 125, 29
Decimal	8220701
CIE Lab	47.02, -4.65, 45.10
CIE LCh	47, 45.338, 95.888
Yxy	16.0378, 0.4256, 0.4716
Android (android.graphics.Color)	4286410781 (0xFF7D701D)
YUV	106.4250, -38.1705, 16.2903
Hunter-Lab	40.0463, -5.5680, 22.8579

Details

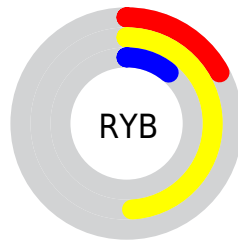
The HunterLab color **40.0463, -5.5680, 22.8579** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **18.4331, 16.5127, -50.7590**, and the grayscale version is **38.2576, -2.0413, 2.0786**.

A 20% lighter version of the original color is **60.3961, -7.0757, 29.6415**, and **22.7971, -3.5799, 13.9848** is the 20% darker color. If you saturate the color by 10%, you get **39.5197, -5.1829, 23.4958**, and if you desaturate by 10%, it is **40.6075, -5.7884, 21.7902**.

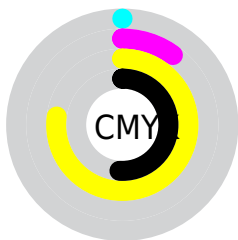
Distribution



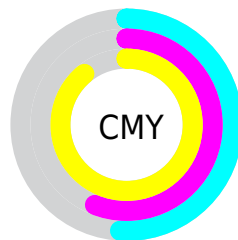
- Red (49%)
- Green (44%)
- Blue (11%)



- Red (17%)
- Yellow (49%)
- Blue (11%)



- Cyan (0%)
- Magenta (10%)
- Yellow (77%)
- Black (51%)



- Cyan (51%)
- Magenta (56%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0463, -5.5680, 22.8579 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 40.0463, -5.5680, 22.8579 by changing the saturation by 10% instead.

40.0463, -5.5680,
22.8579

40.0463, -5.5680,
22.8579

151.5140,
-13.4924, 50.3209

30.9046, -4.7871,
19.0379

60.5507, -7.1879,
29.8245

22.5881, -4.0183,
15.5375

71.8135, -8.0267,
33.0511

15.1900, -3.2560,
10.6330

83.6992, -8.8860,
36.1474

8.8182, -2.7694,
6.1727

96.1766, -9.7661,
39.1360

0.0000, NaN, NaN

0.0000, NaN, NaN

109.2190,
-10.6669, 42.0347

0.0000, NaN, NaN

122.8028,

0.0000, NaN, NaN

-11.5884, 44.8577

0.0000, NaN, NaN

136.9073,
-12.5303, 47.6167

40.0463, -5.5680,
22.8579

40.0463, -5.5680,
22.8579

39.5197, -5.1829,
23.4958

40.6075, -5.7884,
21.7902

39.0191, -4.6613,
23.7871

41.2026, -5.8278,
20.2642

38.8605, -4.4883,
23.8671

41.8337, -5.6796,
18.2626

42.5019, -5.3393,
15.7763

43.2077, -4.8044,
12.8022

■ 43.9513, -4.0748,
9.3429

■ 44.7328, -3.1522,
5.4052

■ 45.5519, -2.0396,
0.9993

■ 46.4083, -0.7413,
-3.8615

Harmonies

Analogous

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



40.0473, 12.7271, 21.8964



40.0463, -5.5680, 22.8579



40.0473, -20.1935, 20.5336

Triad

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



40.0473, -5.5696, 22.8582



40.0473, -26.1409, -21.8085



40.0473, 33.8817, -13.4214

Complementary

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



40.0463, -5.5680, 22.8579



18.4331, 16.5127, -50.7590

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.



40.0473, 19.8176, -33.8985



40.0463, -5.5680, 22.8579



40.0473, -15.1101, -40.0344

Square

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



40.0473, -5.5696, 22.8582



40.0473, -30.6711, -1.2842



40.0473, 1.4111, -45.2186



40.0473, 37.6287, 5.3597

Rectangle

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



40.0463, -5.5680, 22.8579



40.0473, -26.5918, 16.4128



40.0473, 1.4111, -45.2186



40.0473, 30.0977, -20.5460

Sweetspot

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



40.0473, -5.5696, 22.8582



58.1373, -6.1412, 15.7021



23.2728, 30.9121, 8.9601



27.5866, -3.0572, 8.1247



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.



40.0473, -5.5696, 22.8582



52.3868, -6.4192, 31.7350



41.2317, -20.5972, 23.3744



22.1885, -1.6851, 3.1680



39.6913, -4.5705, 24.3776

0.0000, NaN, NaN

Inverse Universe

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



18.4331, 16.5127, -50.7590



19.6127, 32.5731, -92.3779



18.4479, 27.3746, -50.5097



20.7326, -0.5332, -0.9987



13.9801, 27.4754, -76.7854

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.0463, -5.5680, 22.8579 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 40.0463, -5.5680, 22.8579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

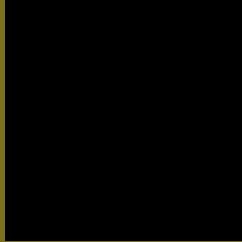
Any Text WCAG AA × Fail

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 40.0463, -5.5680, 22.8579 Background



This preview shows how black text looks on a background with the HunterLab color 40.0463, -5.5680, 22.8579.



This preview shows how white text looks on a background with the HunterLab color 40.0463, -5.5680,

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

40.0463, -5.5680, 22.8579

Protanopia

40.0463, -5.5680, 22.8579

Deuteranopia

39.9847, 2.4805, 22.6556



Tritanopia

39.8976, 7.5385, 1.5004

Trichromacy



Original Color

40.0463, -5.5680, 22.8579

Protanomaly

40.0463, -5.5680, 22.8579

Deuteranomaly

39.9687, -0.2687, 22.7008

Tritanomaly

39.7388, 1.5806, 12.6045

Monochromacy



Original Color

40.0463, -5.5680, 22.8579

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.4524, -4.4017, 12.5035

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0463, -5.5680, 22.8579 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(125, 112, 29)` looks like.

```
.text, #text, p{  
    color:rgb(125, 112, 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(125, 112, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 112, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0463, -5.5680, 22.8579 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(125, 112, 29) }
```


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

```
.border{ border-color:rgb(125, 112, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 112, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 112, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 112, 29);  
box-shadow:4px 4px 4px 4px rgb(125, 112,  
29) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0463, -5.5680, 22.8579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 112, 29) }
```

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

```
.background{ background-color: rgb(125,  
112, 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](#).

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