

Converting Colors

HunterLab(40.5756, -11.3079,
22.9606)

Have a look what the booklet for
HunterLab(40.5756, -11.3079,
22.9606) contains.

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Color

**HunterLab(40.4956,
-11.1490, 22.8600)**

Conversions

Conversions Part 1

Format	Color
Hex	72751F
RGB	114, 117, 31
RGB Percent	45%, 46%, 12%
CMY	0.5529, 0.5412, 0.8784
CMYK	0.03, 0.00, 0.74, 0.54
HSL	62°, 58%, 29%
HSV	62°, 74%, 46%
XYZ	13.5481, 16.3989, 3.7476
YIQ	106.2990, 25.8180, -27.3820

Conversions

Conversions Part 2

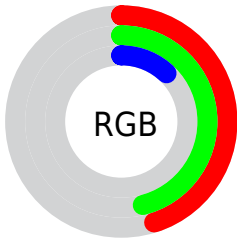
Format	Color
RYB	31, 117, 34
Decimal	7501087
CIELab	47.49, -12.50, 44.41
CIELCh	47, 46.139, 105.713
Yxy	16.3997, 0.4021, 0.4867
Android (android.graphics.Color)	4285691167 (0xFF72751F)
YUV	106.2990, -37.1224, 6.7538
Hunter-Lab	40.4956, -11.1490, 22.8600

Details

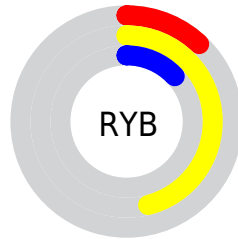
The HunterLab color **40.4956, -11.1490, 22.8600** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **16.1394, 19.9893, -51.5345**, and the grayscale version is **38.2082, -2.0387, 2.0759**.

A 20% lighter version of the original color is **61.0819, -13.7903, 29.6485**, and **23.0500, -7.9826, 14.0635** is the 20% darker color. If you saturate the color by 10%, you get **40.3998, -11.6346, 23.7663**, and if you desaturate by 10%, it is **40.6208, -10.5110, 21.5518**.

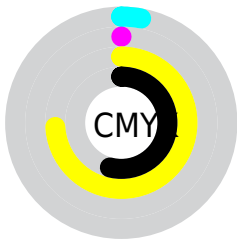
Distribution



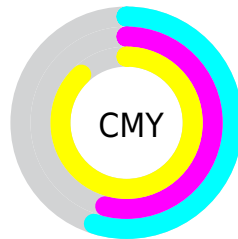
- Red (45%)
- Green (46%)
- Blue (12%)



- Red (12%)
- Yellow (46%)
- Blue (13%)



- Cyan (3%)
- Magenta (0%)
- Yellow (74%)
- Black (54%)



- Cyan (55%)
- Magenta (54%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4956, -11.1490, 22.8600 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 40.4956, -11.1490, 22.8600 by changing the saturation by 10% instead.

40.4956, -11.1490,
22.8600

40.4956, -11.1490,
22.8600

152.2133,
-22.4868, 49.9205

31.3168, -9.8508,
19.1044

61.0661, -13.6826,
29.7126

22.9597, -8.5074,
15.5319

72.3590, -14.9336,
32.8890

15.5158, -7.0891,
10.8611

84.2732, -16.1822,
35.9388

9.1088, -6.4640,
6.3761

96.7778, -17.4319,
38.8842

0.0000, NaN, NaN

0.0000, NaN, NaN

109.8461,
-18.6854, 41.7425

0.0000, NaN, NaN

123.4549,

0.0000, NaN, NaN

-19.9448, 44.5274

0.0000, NaN, NaN

137.5835,
-21.2115, 47.2504

40.4956, -11.1490,
22.8600

40.4956, -11.1490,
22.8600

40.3998, -11.6346,
23.7663

40.6208, -10.5110,
21.5518

40.3272, -11.9824,
24.3187

40.7749, -9.7040,
19.8080

40.2847, -12.1821,
24.6100

40.9611, -8.7201,
17.6033

41.1808, -7.5521,
14.9186

41.4356, -6.1953,
11.7406

■ 41.7265, -4.6468,
8.0609

■ 42.0544, -2.9057,
3.8763

■ 42.4200, -0.9727,
-0.8121

■ 42.8237, 1.1498,
-5.9994

Harmonies

Analogous

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



40.4965, 6.7738, 22.9352



40.4956, -11.1490, 22.8600



40.4965, -24.1563, 19.1590

Triad

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



40.4965, -11.1504, 22.8603



40.4965, -23.6818, -29.3150



40.4965, 37.3112, -6.8307

Complementary

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



40.4956, -11.1490, 22.8600



16.1394, 19.9893, -51.5345

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.



40.4965, 25.8342, -28.3348



40.4956, -11.1490, 22.8600



40.4965, -10.3862, -44.6922

Square

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



40.4965, -11.1504, 22.8603



40.4965, -30.4778, -7.8083



40.4965, 7.6837, -44.2706



40.4965, 37.0085, 10.1734

Rectangle

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



40.4956, -11.1490, 22.8600



40.4965, -29.2181, 13.5794



40.4965, 7.6837, -44.2706



40.4965, 34.6260, -13.8843

Sweetspot

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



40.4965, -11.1504, 22.8603



55.4806, -8.1076, 15.2793



22.4003, 25.7619, 10.8222



26.5671, -4.0772, 7.7739



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



40.4965, -11.1504, 22.8603



53.9917, -15.9002, 32.3455



37.6392, -22.1549, 20.7628



20.6400, -1.9193, 3.0836



42.2822, -12.7929, 25.8301



93.2953, -28.4019, 56.9909

Inverse Universe

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



16.1394, 19.9893, -51.5345



17.1090, 36.0668, -93.2636



19.5882, 27.2424, -38.3963



18.9615, -0.1276, -1.1078



12.0111, 32.3504, -83.5635



26.3670, 71.3068, -185.6927

Previews

White Background



This preview shows how the HunterLab color 40.4956, -11.1490, 22.8600 looks on a white background.

Color Contrast Check

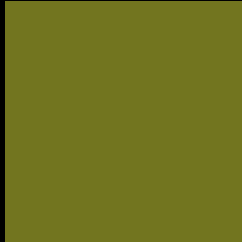
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.4956, -11.1490, 22.8600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

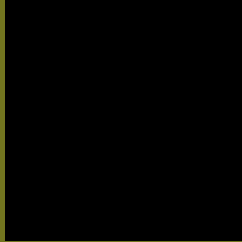
Any Text WCAG AA × Fail

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 40.4956, -11.1490, 22.8600 Background



This preview shows how black text looks on a background with the HunterLab color 40.4956, -11.1490, 22.8600.



This preview shows how white text looks on a background with the HunterLab color 40.4956,

-11.1490, 22.8600.

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

40.4956, -11.1490, 22.8600

Protanopia

40.4223, -5.6328, 23.0078

Deuteranopia

40.3726, 2.5012, 22.5860



Tritanopia

40.4757, 3.1006, -0.1112

Trichromacy



Original Color

40.4956, -11.1490, 22.8600

Protanomaly

40.3311, -7.3881, 22.9168

Deuteranomaly

40.3852, -2.9022, 22.6126

Tritanomaly

40.2271, -3.4755, 11.7507

Monochromacy



Original Color

40.4956, -11.1490, 22.8600

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.6880, -6.3681, 12.3916

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4956, -11.1490, 22.8600 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(114, 117, 31)` looks like.

```
.text, #text, p{  
    color:rgb(114, 117, 31)  
}
```

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(114, 117, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 117, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4956, -11.1490, 22.8600 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(114, 117, 31) }
```


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

```
.border{ border-color:rgb(114, 117, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 117, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 117, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 117, 31);  
box-shadow:4px 4px 4px 4px rgb(114, 117,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4956, -11.1490, 22.8600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 117, 31) }
```

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

```
.background{ background-color: rgb(114,  
117, 31) }
```

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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