

Converting Colors

HunterLab(40.7358, -17.7266,
22.2434)

Have a look what the booklet for
HunterLab(40.7358, -17.7266,
22.2434) contains.

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Color

**HunterLab(40.7358,
-17.7266, 22.2434)**

Conversions

Conversions Part 1

Format	Color
Hex	617A25
RGB	97, 122, 37
RGB Percent	38%, 48%, 15%
CMY	0.6196, 0.5216, 0.8549
CMYK	0.20, 0.00, 0.70, 0.52
HSL	78°, 53%, 31%
HSV	78°, 70%, 48%
XYZ	12.2233, 16.5941, 4.3090
YIQ	104.8350, 12.3850, -31.7350

Conversions

Conversions Part 2

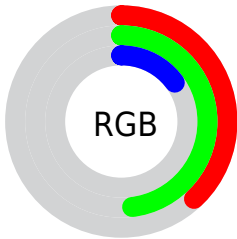
Format	Color
R_{YB}	37, 122, 62
Decimal	6388261
CIE _{Lab}	47.75, -22.38, 41.75
CIE _{LCh}	48, 47.370, 118.198
Yxy	16.5948, 0.3690, 0.5009
Android (android.graphics.Color)	4284578341 (0xFF617A25)
YUV	104.8350, -33.4427, -6.8713
Hunter-Lab	40.7358, -17.7266, 22.2434

Details

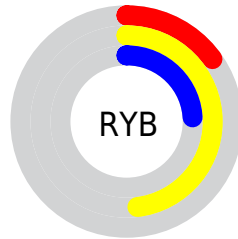
The HunterLab color $40.7358, -17.7266, 22.2434$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $19.3723, 22.8734, -44.0176$, and the grayscale version is $37.6427, -2.0085, 2.0452$.

A 20% lighter version of the original color is $61.1917, -21.2246, 28.5979$, and $23.1720, -13.1672, 14.0480$ is the 20% darker color. If you saturate the color by 10%, you get $40.4201, -19.1142, 23.2393$, and if you desaturate by 10%, it is $41.0930, -16.1404, 20.8138$.

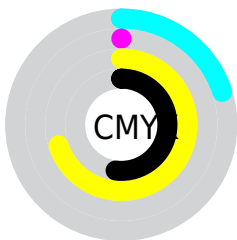
Distribution



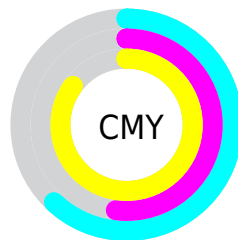
- Red (38%)
- Green (48%)
- Blue (15%)



- Red (15%)
- Yellow (48%)
- Blue (24%)



- Cyan (20%)
- Magenta (0%)
- Yellow (70%)
- Black (52%)



- Cyan (62%)
- Magenta (52%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7358, -17.7266, 22.2434 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 40.7358, -17.7266, 22.2434 by changing the saturation by 10% instead.

40.7358, -17.7266,
22.2434

40.7358, -17.7266,
22.2434

152.5865,
-33.5050, 47.9022

31.5373, -15.7434,
18.6986

61.3415, -21.4603,
28.7140

23.1585, -13.6338,
15.1212

72.6504, -23.2496,
31.7183

15.6904, -11.3332,
10.9833

84.5797, -25.0047,
34.6068

9.2599, -11.0275,
6.4819

97.0987, -26.7341,
37.4002

0.0000, NaN, NaN

0.0000, NaN, NaN

110.1809,
-28.4444, 40.1147

0.0000, NaN, NaN

123.8030,

0.0000, NaN, NaN

-30.1405, 42.7633

0.0000, NaN, NaN

137.9443,
-31.8263, 45.3563

■ 40.7358, -17.7266,
22.2434

■ 40.7358, -17.7266,
22.2434

■ 40.4201, -19.1142,
23.2393

■ 41.0930, -16.1404,
20.8138

■ 40.1405, -20.3110,
23.8361

■ 41.4907, -14.3459,
18.9247

■ 39.8877, -21.3768,
24.1872

■ 41.9314, -12.3413,
16.5600

■ 39.8795, -21.4113,
24.1987

■ 42.4160, -10.1266,
13.7104

■ 42.9450, -7.7044,
10.3729

■ 43.5190, -5.0794,
6.5497

■ 44.1378, -2.2580,
2.2477

■ 44.8013, 0.7522,
-2.5225

■ 45.5092, 3.9422,
-7.7469

Harmonies

Analogous

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



40.7367, -1.0454, 23.6657



40.7358, -17.7266, 22.2434



40.7367, -28.3214, 16.3752

Triad

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



40.7367, -17.7277, 22.2437



40.7367, -19.3539, -38.5599



40.7367, 40.0626, 1.1334

Complementary

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



40.7358, -17.7266, 22.2434



19.3723, 22.8734, -44.0176

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.



40.7367, 32.8722, -20.0808



40.7358, -17.7266, 22.2434



40.7367, -3.2940, -48.5138

Square

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



40.7367, -17.7277, 22.2437



40.7367, -29.1352, -17.3444



40.7367, 16.1280, -40.5762



40.7367, 34.3570, 15.2348

Rectangle

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



40.7358, -17.7266, 22.2434



40.7367, -31.5933, 8.5773



40.7367, 16.1280, -40.5762



40.7367, 39.0514, -5.3688

Sweetspot

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



40.7367, -17.7277, 22.2437



56.8269, -10.8288, 14.6192



27.6009, 16.5889, 13.5377



27.0992, -5.5169, 7.4633



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



40.7367, -17.7277, 22.2437



53.3702, -26.3888, 31.3841



38.5714, -26.3474, 20.6155



21.3952, -2.4147, 3.0972



40.9131, -21.9903, 24.8255



89.1019, -49.0390, 54.0456

Inverse Universe

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



19.3723, 22.8734, -44.0176



20.6934, 38.5910, -79.3842



23.7632, 32.2966, -30.7338



19.8630, 0.2711, -1.0184



13.6681, 34.2304, -75.0686



29.1941, 74.1672, -168.5079

Previews

White Background



This preview shows how the HunterLab color 40.7358, -17.7266, 22.2434 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 40.7358, -17.7266, 22.2434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

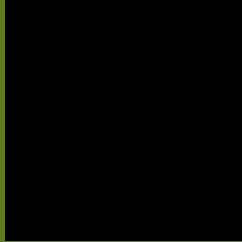
Any Text WCAG AA × Fail

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 40.7358, -17.7266, 22.2434 Background



This preview shows how black text looks on a background with the HunterLab color 40.7358, -17.7266, 22.2434.



This preview shows how white text looks on a background with the HunterLab color 40.7358,

-17.7266, 22.2434.

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

40.7358, -17.7266, 22.2434

Protanopia

40.5507, -5.1076, 22.5728

Deuteranopia

40.4293, 2.8051, 21.7491



Tritanopia

40.7314, -2.6702, -2.2252

Trichromacy



Original Color

40.7358, -17.7266, 22.2434

Protanomaly

40.4118, -9.9147, 22.2792

Deuteranomaly

40.1267, -5.1209, 21.6700

Tritanomaly

40.4708, -9.5759, 9.9368

Monochromacy



Original Color

40.7358, -17.7266, 22.2434

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

38.4355, -8.6905, 11.8243

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7358, -17.7266, 22.2434 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(97, 122, 37)` looks like.

```
.text, #text, p{  
    color:rgb(97, 122, 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(97, 122, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 122, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7358, -17.7266, 22.2434 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(97, 122, 37) }
```


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

```
.border{ border-color:rgb(97, 122, 37) }
```

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

Here you see how a box with a 4 pixel rgb(97, 122, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 122, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 122, 37);  
box-shadow:4px 4px 4px 4px rgb(97, 122,  
37) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7358, -17.7266, 22.2434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 122, 37) }
```

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

```
.background{ background-color: rgb(97, 122,  
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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