

Converting Colors

HunterLab(40.2356, -17.8479,
19.8654)

Have a look what the booklet for
HunterLab(40.2356, -17.8479,
19.8654) contains.

HunterLab(40.2356, -17.8479, 19.8654)	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(40.2356,
-17.8479, 19.8654)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7933
RGB	92, 121, 51
RGB Percent	36%, 47%, 20%
CMY	0.6392, 0.5255, 0.8000
CMYK	0.24, 0.00, 0.58, 0.53
HSL	85°, 41%, 34%
HSV	85°, 58%, 47%
XYZ	11.8485, 16.1890, 5.6323
YIQ	104.3490, 5.1860, -27.9180

Conversions

Conversions Part 2

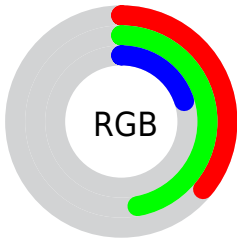
Format	Color
RYB	51, 121, 80
Decimal	6060339
CIELab	47.22, -22.74, 34.48
CIElCh	47, 41.303, 123.397
Yxy	16.1897, 0.3519, 0.4808
Android (android.graphics.Color)	4284250419 (0xFF5C7933)
YUV	104.3490, -26.3011, -10.8301
Hunter-Lab	40.2356, -17.8479, 19.8654

Details

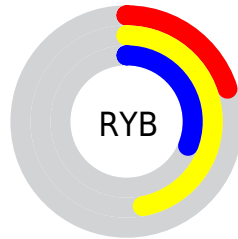
The HunterLab color $40.2356, -17.8479, 19.8654$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $23.3538, 19.8483, -31.1884$, and the grayscale version is $37.4342, -1.9974, 2.0339$.

A 20% lighter version of the original color is $60.6107, -21.4127, 25.1793$, and $22.6996, -13.5811, 13.5996$ is the 20% darker color. If you saturate the color by 10%, you get $39.8081, -19.7503, 21.3377$, and if you desaturate by 10%, it is $40.7155, -15.7106, 17.9439$.

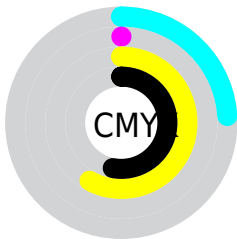
Distribution



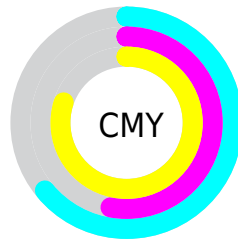
- Red (36%)
- Green (47%)
- Blue (20%)



- Red (20%)
- Yellow (47%)
- Blue (31%)



- Cyan (24%)
- Magenta (0%)
- Yellow (58%)
- Black (53%)



- Cyan (64%)
- Magenta (53%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2356, -17.8479, 19.8654 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 40.2356, -17.8479, 19.8654 by changing the saturation by 10% instead.

■ 40.2356, -17.8479,
19.8654

■ 40.2356, -17.8479,
19.8654

151.8087,
-33.8015, 41.8489

■ 31.0782, -15.8339,
16.8749

■ 60.7678, -21.6322,
25.3385

■ 22.7445, -13.6880,
13.6518

■ 72.0433, -23.4432,
27.8930

■ 15.3271, -11.3417,
10.7290

■ 83.9410, -25.2182,
30.3591

■ 8.9419, -11.5567,
6.2593

■ 96.4299, -26.9663,
32.7542

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.4833,
-28.6940, 35.0913

0.0000, NaN, NaN

■ 123.0776,

0.0000, NaN, NaN

-30.4065, 37.3808

0.0000, NaN, NaN

137.1923,
-32.1080, 39.6312

■ 40.2356, -17.8479,
19.8654

■ 40.2356, -17.8479,
19.8654

■ 39.8081, -19.7503,
21.3377

■ 40.7155, -15.7106,
17.9439

■ 39.4287, -21.4173,
22.3797

■ 41.2462, -13.3370,
15.5614

■ 39.0962, -22.8571,
23.0222

■ 41.8291, -10.7327,
12.7142

■ 38.8030, -24.1099,
23.3741

■ 42.4644, -7.9052,
9.4050

■ 38.7428, -24.3686,
23.4465

■ 43.1518, -4.8638,
5.6414

■ 43.8909, -1.6193,
1.4352

■ 44.6809, 1.8162,
-3.1982

■ 45.5209, 5.4301,
-8.2408

■ 46.4098, 9.2094,
-13.6730

Harmonies

Analogous

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



40.2365, -3.9720, 21.9223



40.2356, -17.8479, 19.8654



40.2365, -26.3115, 13.2959

Triad

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



40.2365, -17.8489, 19.8657



40.2365, -15.1267, -34.1661



40.2365, 33.7607, 3.9009

Complementary

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



40.2356, -17.8479, 19.8654



23.3538, 19.8483, -31.1884

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.



40.2365, 29.5358, -13.4027



40.2356, -17.8479, 19.8654



40.2365, -0.2931, -39.8400

Square

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



40.2365, -17.8489, 19.8657



40.2365, -24.9226, -17.6885



40.2365, 16.4016, -31.0822



40.2365, 27.1828, 15.2890

Rectangle

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



40.2356, -17.8479, 19.8654



40.2365, -28.5736, 5.4396



40.2365, 16.4016, -31.0822



40.2365, 33.5603, -1.3551

Sweetspot

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



40.2365, -17.8489, 19.8657



56.8615, -10.4107, 12.3830



31.4586, 8.9473, 13.6381



27.1252, -5.2650, 6.2662



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.



40.2365, -17.8489, 19.8657



53.1168, -27.1016, 29.0111



38.4890, -24.7803, 18.4580



21.3426, -2.6011, 3.0368



40.0975, -25.2596, 24.2657



87.2847, -56.3487, 52.7979

Inverse Universe

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



23.3538, 19.8483, -31.1884



26.5713, 33.5523, -55.3195



27.0665, 28.9696, -22.4415



19.9176, 0.4572, -0.9451



14.8437, 35.3864, -67.6644



31.6791, 76.5268, -152.2045

Previews

White Background



This preview shows how the HunterLab color 40.2356, -17.8479, 19.8654 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 40.2356, -17.8479, 19.8654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

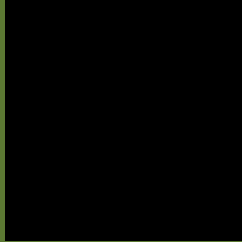
Any Text WCAG AA × Fail

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 40.2356, -17.8479, 19.8654 Background



This preview shows how black text looks on a background with the HunterLab color 40.2356, -17.8479, 19.8654.



This preview shows how white text looks on a background with the HunterLab color 40.2356, -17.8479, 19.8654.

-17.8479, 19.8654.

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

40.2356, -17.8479, 19.8654

Protanopia

40.1084, -5.0359, 20.4928

Deuteranopia

39.9840, 2.9069, 19.3292



Tritanopia

40.2882, -4.2260, -2.8256

Trichromacy



Original Color

40.2356, -17.8479, 19.8654

Protanomaly

39.9099, -10.0564, 20.0995

Deuteranomaly

39.6234, -5.2116, 19.1023

Tritanomaly

40.2273, -10.2460, 7.9400

Monochromacy



Original Color

40.2356, -17.8479, 19.8654

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

38.1013, -8.2513, 9.9596

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2356, -17.8479, 19.8654 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(92, 121, 51)` looks like.

```
.text, #text, p{  
    color:rgb(92, 121, 51)  
}
```

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(92, 121, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 121, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2356, -17.8479, 19.8654 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(92, 121, 51) }
```


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

```
.border{ border-color:rgb(92, 121, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 121, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 121, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 121, 51);  
box-shadow:4px 4px 4px 4px rgb(92, 121,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2356, -17.8479, 19.8654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 121, 51) }
```

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

```
.background{ background-color: rgb(92, 121,  
51) }
```

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