

Converting Colors

HunterLab(40.7084, -17.8872,
18.5746)

Have a look what the booklet for
HunterLab(40.7084, -17.8872,
18.5746) contains.

HunterLab(40.5826, -17.8445, 18.4488)	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(40.5826,
-17.8445, 18.4488)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7A3C
RGB	91, 122, 60
RGB Percent	36%, 48%, 24%
CMY	0.6431, 0.5216, 0.7647
CMYK	0.25, 0.00, 0.51, 0.52
HSL	90°, 34%, 36%
HSV	90°, 51%, 48%
XYZ	12.0895, 16.4695, 6.8167
YIQ	105.6630, 1.4260, -25.8540

Conversions

Conversions Part 2

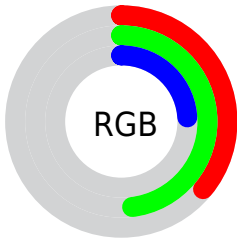
Format	Color
R_{YB}	60, 122, 91
Decimal	5995068
CIE _{Lab}	47.59, -22.62, 30.21
CIE _{LCh}	48, 37.741, 126.818
Yxy	16.4702, 0.3417, 0.4656
Android (android.graphics.Color)	4284185148 (0xFF5B7A3C)
YUV	105.6630, -22.5119, -12.8595
Hunter-Lab	40.5826, -17.8445, 18.4488

Details

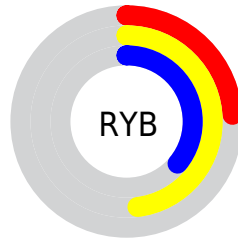
The HunterLab color $40.5826, -17.8445, 18.4488$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $26.1945, 18.5139, -25.2127$, and the grayscale version is $37.9194, -2.0233, 2.0602$.

A 20% lighter version of the original color is $61.3219, -21.6813, 23.4181$, and $22.9921, -13.7624, 12.9448$ is the 20% darker color. If you saturate the color by 10%, you get $40.0726, -20.1196, 20.2347$, and if you desaturate by 10%, it is $41.1549, -15.3038, 16.2091$.

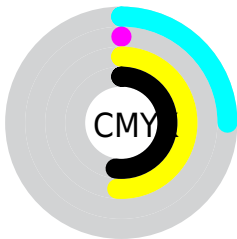
Distribution



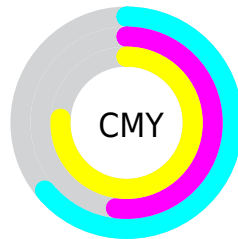
- Red (36%)
- Green (48%)
- Blue (24%)



- Red (24%)
- Yellow (48%)
- Blue (36%)



- Cyan (25%)
- Magenta (0%)
- Yellow (51%)
- Black (52%)



- Cyan (64%)
- Magenta (52%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5826, -17.8445, 18.4488 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 40.5826, -17.8445, 18.4488 by changing the saturation by 10% instead.

■ 40.5826, -17.8445,
18.4488

■ 40.5826, -17.8445,
18.4488

152.3484,
-33.7342, 38.2631

■ 31.3966, -15.8428,
15.8001

■ 61.1658, -21.6093,
23.3220

■ 23.0316, -13.7120,
12.9435

■ 72.4645, -23.4122,
25.6100

■ 15.5790, -11.3858,
10.8771

■ 84.3842, -25.1800,
27.8274

■ 9.1638, -11.2442,
6.4147

■ 96.8940, -26.9214,
29.9887

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.9674,
-28.6429, 32.1051

0.0000, NaN, NaN

■ 123.5810,

0.0000, NaN, NaN

-30.3497, 34.1853

0.0000, NaN, NaN

137.7141,
-32.0458, 36.2361

■ 40.5826, -17.8445,
18.4488

■ 40.5826, -17.8445,
18.4488

■ 40.0726, -20.1196,
20.2347

■ 41.1549, -15.3038,
16.2091

■ 39.6212, -22.1229,
21.5770

■ 41.7872, -12.5019,
13.5120

■ 39.2275, -23.8568,
22.4969

■ 42.4804, -9.4504,
10.3617

■ 38.8890, -25.3288,
23.0277

■ 43.2341, -6.1619,
6.7679

■ 38.6158, -26.5109,
23.3307

■ 44.0474, -2.6510,
2.7451

■ 44.9192, 1.0667,
-1.6892

■ 45.8483, 4.9751,
-6.5146

■ 46.8330, 9.0580,
-11.7092

■ 47.8717, 13.2993,
-17.2499

Harmonies

Analogous

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



40.5835, -5.4893, 20.9386



40.5826, -17.8445, 18.4488



40.5835, -25.1450, 11.4825

Triad

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



40.5835, -17.8454, 18.4491



40.5835, -12.7690, -31.3664



40.5835, 30.1133, 5.2916

Complementary

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



40.5826, -17.8445, 18.4488



26.1945, 18.5139, -25.2127

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.



40.5835, 27.4296, -9.9515



40.5826, -17.8445, 18.4488



40.5835, 1.2645, -34.8882

Square

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



40.5835, -17.8454, 18.4491



40.5835, -22.5206, -17.5815



40.5835, 16.3235, -25.9707



40.5835, 23.2060, 15.3090

Rectangle

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



40.5826, -17.8445, 18.4488



40.5835, -26.8422, 3.6827



40.5835, 16.3235, -25.9707



40.5835, 30.3167, 0.6780

Sweetspot

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



40.5835, -17.8454, 18.4491



56.8797, -10.1918, 11.2136



34.5639, 4.4983, 14.0433



27.1182, -5.2237, 5.7440



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.



40.5835, -17.8454, 18.4491



53.0462, -27.1493, 27.1723



38.9958, -24.1204, 17.1067



21.3054, -2.7330, 2.9940



39.6156, -27.2273, 23.9343



86.2298, -60.6731, 52.0722

Inverse Universe

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



26.1945, 18.5139, -25.2127



30.3115, 31.1667, -44.1379



29.6225, 27.4331, -18.1211



19.9570, 0.5909, -0.8924



15.8717, 36.5014, -61.9964



33.9268, 78.9003, -139.3119

Previews

White Background



This preview shows how the HunterLab color 40.5826, -17.8445, 18.4488 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 40.5826, -17.8445, 18.4488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

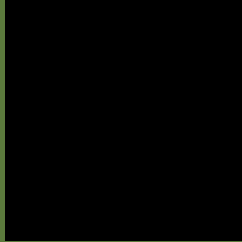
Any Text WCAG AA × Fail

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 40.5826, -17.8445, 18.4488 Background



This preview shows how black text looks on a background with the HunterLab color 40.5826, -17.8445, 18.4488.



This preview shows how white text looks on a background with the HunterLab color 40.5826, -17.8445, 18.4488.

-17.8445, 18.4488.

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

40.5826, -17.8445, 18.4488

Protanopia

40.4855, -4.9096, 19.1922

Deuteranopia

40.2541, 2.7202, 17.7078



Tritanopia

40.5290, -4.7548, -3.0052

Trichromacy



Original Color

40.5826, -17.8445, 18.4488

Protanomaly

40.3001, -9.8833, 18.7705

Deuteranomaly

39.9253, -5.3231, 17.5251

Tritanomaly

40.5436, -10.3831, 6.7964

Monochromacy



Original Color

40.5826, -17.8445, 18.4488

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.8282, -8.3509, 9.3478

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5826, -17.8445, 18.4488 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(91, 122, 60)` looks like.

```
.text, #text, p{  
    color:rgb(91, 122, 60)  
}
```

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(91, 122, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 122, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5826, -17.8445, 18.4488 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(91, 122, 60) }
```


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

```
.border{ border-color:rgb(91, 122, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 122, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 122, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 122, 60);  
box-shadow:4px 4px 4px 4px rgb(91, 122,  
60) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.5826, -17.8445, 18.4488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 122, 60) }
```

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

```
.background{ background-color: rgb(91, 122,  
60) }
```

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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