

Converting Colors

HunterLab(32.4827, -17.6596,
15.9733)

Have a look what the booklet for
HunterLab(32.4827, -17.6596,
15.9733) contains.

HunterLab(32.4304, -17.7480, 16.0026)	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(32.4304,
-17.7480, 16.0026)**

Conversions

Conversions Part 1

Format	Color
Hex	3F6528
RGB	63, 101, 40
RGB Percent	25%, 40%, 16%
CMY	0.7529, 0.6039, 0.8431
CMYK	0.38, 0.00, 0.60, 0.60
HSL	97°, 43%, 28%
HSV	97°, 60%, 40%
XYZ	7.0866, 10.5173, 3.6640
YIQ	82.6840, -3.0670, -27.0270

Conversions

Conversions Part 2

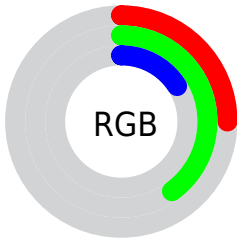
Format	Color
R_{YB}	40, 101, 78
Decimal	4154664
CIE _{Lab}	38.76, -25.57, 29.84
CIE _{LCh}	39, 39.295, 130.599
Yxy	10.5178, 0.3332, 0.4945
Android (android.graphics.Color)	4282344744 (0xFF3F6528)
YUV	82.6840, -21.0432, -17.2629
Hunter-Lab	32.4304, -17.7480, 16.0026

Details

The HunterLab color $[32.4304, -17.7480, 16.0026]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[20.1921, 19.9156, -23.3621]$, and the grayscale version is $[29.3715, -1.5672, 1.5958]$.

A 20% lighter version of the original color is $[51.6288, -22.0375, 21.0728]$, and $[16.5786, -12.5084, 9.9967]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.0348, -19.5210, 17.1368]$, and if you desaturate by 10%, it is $[32.8860, -15.7189, 14.5277]$.

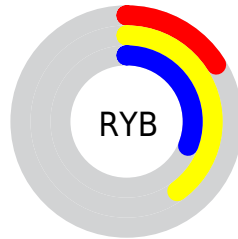
Distribution



Red (25%)

Green (40%)

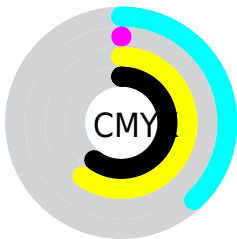
Blue (16%)



Red (16%)

Yellow (40%)

Blue (31%)

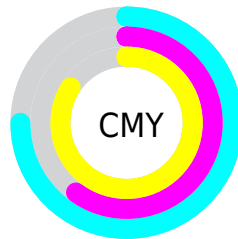


Cyan (38%)

Magenta (0%)

Yellow (60%)

Black (60%)



Cyan (75%)

Magenta (60%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 32.4304, -17.7480, 16.0026 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 32.4304, -17.7480, 16.0026 by changing the saturation by 10% instead.

■ 32.4304, -17.7480,
16.0026

■ 32.4304, -17.7480,
16.0026

■ 139.4018,
-35.3486, 36.1581

■ 23.9658, -15.4003,
13.2061

■ 51.7348, -22.0454,
21.0549

■ 16.4006, -12.8307,
10.8480

■ 62.4553, -24.0651,
23.3966

■ 9.8591, -11.8743,
6.9014

■ 73.8284, -26.0275,
25.6525

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 85.8187, -27.9460,
27.8413

0.0000, NaN, NaN

■ 98.3958, -29.8305,
29.9767

0.0000, NaN, NaN

■ 111.5336,

0.0000, NaN, NaN

-31.6888, 32.0693

0.0000, NaN, NaN

125.2090,
-33.5266, 34.1276

■ 32.4304, -17.7480,
16.0026

■ 32.4304, -17.7480,
16.0026

■ 32.0348, -19.5210,
17.1368

■ 32.8860, -15.7189,
14.5277

■ 31.6959, -21.0339,
17.9419

■ 33.4002, -13.4383,
12.7072

■ 31.4122, -22.2909,
18.4400

■ 33.9737, -10.9173,
10.5436

■ 31.1791, -23.3270,
18.8040

■ 34.6062, -8.1691,
8.0443

■ 35.2969, -5.2090,
5.2214

■ 36.0446, -2.0533,
2.0898

■ 36.8478, 1.2807,
-1.3330

■ 37.7049, 4.7759,
-5.0283

■ 38.6142, 8.4154,
-8.9766

Harmonies

Analogous

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



32.4311, -6.6338, 18.3827



32.4304, -17.7480, 16.0026



32.4311, -23.7961, 9.3041

Triad

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



32.4311, -17.7487, 16.0028



32.4311, -10.3656, -33.8406



32.4311, 29.9428, 6.2151

Complementary

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



32.4304, -17.7480, 16.0026



20.1921, 19.9156, -23.3621

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.



32.4311, 28.4730, -8.1749



32.4304, -17.7480, 16.0026



32.4311, 3.4790, -35.8785

Square

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



32.4311, -17.7487, 16.0028



32.4311, -20.0722, -20.2716



32.4311, 18.1596, -25.0187



32.4311, 21.8835, 14.5860

Rectangle

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



32.4304, -17.7480, 16.0026



32.4311, -24.8916, 1.4909



32.4311, 18.1596, -25.0187



32.4311, 30.5772, 2.0374

Sweetspot

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



32.4311, -17.7487, 16.0028



45.5073, -9.9906, 9.8724



28.8354, 1.8306, 13.6722



22.4791, -5.3622, 5.2775



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



32.4311, -17.7487, 16.0028



41.8035, -26.3338, 22.8836



31.5676, -21.0643, 14.0084



17.8555, -2.4003, 2.4119



35.6705, -26.8460, 21.5100



81.1753, -62.5125, 48.9254

Inverse Universe

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



20.1921, 19.9156, -23.3621



23.0638, 32.1504, -39.5612



22.5624, 24.9236, -13.4178



16.8526, 0.5993, -0.6238



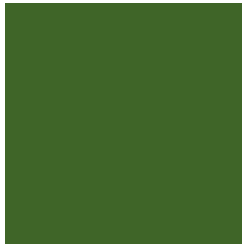
16.0939, 35.2165, -48.9421



36.0517, 79.5631, -114.8684

Previews

White Background



This preview shows how the HunterLab color 32.4304, -17.7480, 16.0026 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

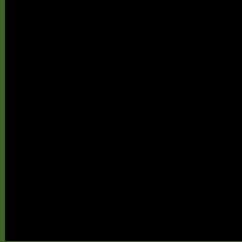
Any Text WCAG AA × Fail

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 32.4304, -17.7480, 16.0026 Background



This preview shows how black text looks on a background with the HunterLab color 32.4304, -17.7480, 16.0026.



This preview shows how white text looks on a background with the HunterLab color 32.4304,

-17.7480, 16.0026.

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

32.4304, -17.7480, 16.0026

Protanopia

32.2218, -4.0829, 16.5629

Deuteranopia

32.3156, 1.6940, 15.5705



Tritanopia

32.4965, -6.1246, -3.0178

Trichromacy



Original Color

32.4304, -17.7480, 16.0026

Protanomaly

32.1723, -9.8487, 16.2727

Deuteranomaly

31.9506, -6.3071, 15.3362

Tritanomaly

32.2166, -11.2772, 6.0410

Monochromacy



Original Color

32.4304, -17.7480, 16.0026

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

30.4205, -8.3489, 8.2492

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 32.4304, -17.7480, 16.0026 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(63, 101, 40)` looks like.

```
.text, #text, p{  
    color:rgb(63, 101, 40)  
}
```

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(63, 101, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 101, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 32.4304, -17.7480, 16.0026 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(63, 101, 40) }
```


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

```
.border{ border-color:rgb(63, 101, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 101, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 101, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 101, 40);  
box-shadow:4px 4px 4px 4px rgb(63, 101,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 32.4304, -17.7480, 16.0026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 101, 40) }
```

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

```
.background{ background-color: rgb(63, 101,  
40) }
```

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