

Converting Colors

HunterLab(36.2639, -24.2079,
20.5002)

Have a look what the booklet for
HunterLab(36.2639, -24.2079,
20.5002) contains.

HunterLab(36.3281, -24.3494, 20.5485)	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(36.3281,
-24.3494, 20.5485)**

Conversions

Conversions Part 1

Format	Color
Hex	397318
RGB	57, 115, 24
RGB Percent	22%, 45%, 9%
CMY	0.7765, 0.5490, 0.9059
CMYK	0.50, 0.00, 0.79, 0.55
HSL	98°, 65%, 27%
HSV	98°, 79%, 45%
XYZ	7.9830, 13.1973, 2.9908
YIQ	87.2840, -5.3570, -40.5970

Conversions

Conversions Part 2

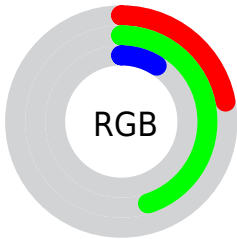
Format	Color
R_{YB}	24, 115, 82
Decimal	3765016
CIE Lab	43.06, -35.60, 41.48
CIE LCh	43, 54.662, 130.636
Yxy	13.1979, 0.3303, 0.5460
Android (android.graphics.Color)	4281955096 (0xFF397318)
YUV	87.2840, -31.1990, -26.5591
Hunter-Lab	36.3281, -24.3494, 20.5485

Details

The HunterLab color **36.3281, -24.3494, 20.5485** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **19.1976, 30.5763, -37.7307**, and the grayscale version is **31.0891, -1.6588, 1.6891**.

A 20% lighter version of the original color is **56.4165, -30.0613, 27.2417**, and **19.7394, -16.9265, 11.8670** is the 20% darker color. If you saturate the color by 10%, you get **35.9994, -25.8125, 21.1309**, and if you desaturate by 10%, it is **36.7254, -22.5776, 19.6038**.

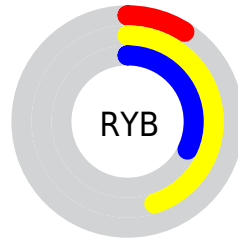
Distribution



Red (22%)

Green (45%)

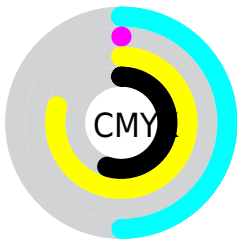
Blue (9%)



Red (9%)

Yellow (45%)

Blue (32%)

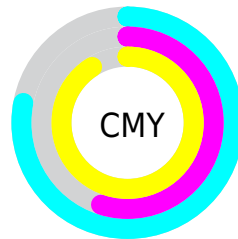


Cyan (50%)

Magenta (0%)

Yellow (79%)

Black (55%)



Cyan (78%)

Magenta (55%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.3281, -24.3494, 20.5485 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 36.3281, -24.3494, 20.5485 by changing the saturation by 10% instead.

36.3281, -24.3494,
20.5485

36.3281, -24.3494,
20.5485

145.6647,
-46.6244, 46.5086

27.5044, -21.2909,
16.9033

56.2662, -29.9053,
27.1562

19.5393, -17.9388,
13.6775

67.2723, -32.4917,
30.2060

12.5387, -14.7512,
8.7771

78.9150, -34.9879,
33.1295

5.8202, -10.1854,
4.0741

91.1613, -37.4123,
35.9499

0.0000, NaN, NaN

0.0000, NaN, NaN

103.9827,
-39.7786, 38.6851


0.0000, NaN, NaN


117.3546,


0.0000, NaN, NaN


-42.0974, 41.3493


0.0000, NaN, NaN


 131.2550,
-44.3771, 43.9541


 36.3281, -24.3494,
20.5485


 36.3281, -24.3494,
20.5485


 35.9994, -25.8125,
21.1309


 36.7254, -22.5776,
19.6038


 35.7263, -27.0206,
21.4935

 37.1914, -20.4907,
18.2704

 35.7043, -27.1187,
21.5261

 37.7287, -18.0924,
16.5345

 38.3380, -15.3914,
14.3919

 39.0193, -12.4010,
11.8461

■ 39.7720, -9.1382,
8.9072

■ 40.5951, -5.6220,
5.5906

■ 41.4870, -1.8734,
1.9151

■ 42.4459, 2.0863,
-2.0976

Harmonies

Analogous

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



36.3289, -8.9818, 22.9576



36.3281, -24.3494, 20.5485



36.3289, -32.3223, 12.4038

Triad

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



36.3289, -24.3501, 20.5487



36.3289, -14.1898, -54.7470



36.3289, 45.8953, 8.2806

Complementary

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



36.3281, -24.3494, 20.5485



19.1976, 30.5763, -37.7307

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.



36.3289, 43.6177, -12.9067



36.3281, -24.3494, 20.5485



36.3289, 5.6819, -58.1707

Square

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



36.3289, -24.3501, 20.5487



36.3289, -27.4271, -32.2207



36.3289, 27.7010, -39.9450



36.3289, 33.3653, 18.9775

Rectangle

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



36.3281, -24.3494, 20.5485



36.3289, -33.7273, 1.5558



36.3289, 27.7010, -39.9450



36.3289, 46.8951, 2.3942

Sweetspot

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



36.3289, -24.3501, 20.5487



52.6543, -14.6748, 14.1475



31.1302, 4.1546, 17.6087



25.5796, -7.7691, 7.4464



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.



36.3289, -24.3501, 20.5487



47.8681, -35.8746, 28.6005



35.4747, -27.7220, 18.5660



20.3884, -2.8099, 2.7946



38.1595, -29.0582, 23.0050



83.9724, -65.2592, 50.6009

Inverse Universe

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



19.1976, 30.5763, -37.7307



22.3862, 46.3633, -62.3188



22.9676, 36.2729, -18.2490



19.2216, 0.7589, -0.7590



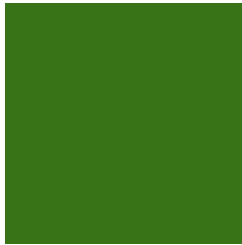
17.4228, 37.9588, -51.7001



37.8103, 82.9887, -116.9420

Previews

White Background



This preview shows how the HunterLab color 36.3281, -24.3494, 20.5485 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 36.3281, -24.3494, 20.5485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

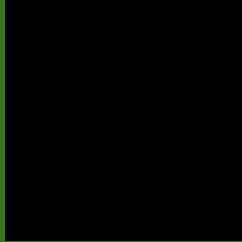
Any Text WCAG AA × Fail

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 36.3281, -24.3494, 20.5485 Background



This preview shows how black text looks on a background with the HunterLab color 36.3281, -24.3494, 20.5485.



This preview shows how white text looks on a background with the HunterLab color 36.3281, -24.3494, 20.5485.

-24.3494, 20.5485.

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

36.3281, -24.3494, 20.5485

Protanopia

36.2413, -5.1745, 21.0804

Deuteranopia

36.0383, 2.3619, 19.8808



Tritanopia

36.2685, -8.9257, -4.8187

Trichromacy



Original Color

36.3281, -24.3494, 20.5485

Protanomaly

35.9172, -13.5715, 20.6414

Deuteranomaly

35.5233, -9.0825, 19.6802

Tritanomaly

36.0134, -16.1749, 8.4352

Monochromacy



Original Color

36.3281, -24.3494, 20.5485

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

32.3358, -11.4292, 10.8314

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.3281, -24.3494, 20.5485 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(57, 115, 24)` looks like.

```
.text, #text, p{  
    color:rgb(57, 115, 24)  
}
```

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(57, 115, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 115, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 36.3281, -24.3494, 20.5485 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(57, 115, 24) }
```


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

```
.border{ border-color:rgb(57, 115, 24) }
```

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

Here you see how a box with a 4 pixel rgb(57, 115, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 115, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 115, 24);  
box-shadow:4px 4px 4px 4px rgb(57, 115,  
24) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.3281, -24.3494, 20.5485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 115, 24) }
```

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

```
.background{ background-color: rgb(57, 115,  
24) }
```

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