

Converting Colors

HunterLab(37.6498, -19.0242,
21.3276)

Have a look what the booklet for
HunterLab(37.6498, -19.0242,
21.3276) contains.

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Color

**HunterLab(37.6498,
-19.0242, 21.3276)**

Conversions

Conversions Part 1

Format	Color
Hex	53731A
RGB	83, 115, 26
RGB Percent	33%, 45%, 10%
CMY	0.6745, 0.5490, 0.8980
CMYK	0.28, 0.00, 0.77, 0.55
HSL	82°, 63%, 28%
HSV	82°, 77%, 45%
XYZ	9.8845, 14.1751, 3.1924
YIQ	95.2860, 9.4970, -34.4630

Conversions

Conversions Part 2

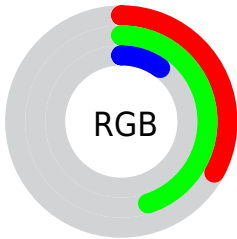
Format	Color
R_{YB}	26, 115, 58
Decimal	5468954
CIE _{Lab}	44.48, -25.57, 42.61
CIE _{LCh}	44, 49.695, 120.971
Yxy	14.1757, 0.3627, 0.5201
Android (android.graphics.Color)	4283659034 (0xFF53731A)
YUV	95.2860, -34.1580, -10.7748
Hunter-Lab	37.6498, -19.0242, 21.3276

Details

The HunterLab color $[37.6498, -19.0242, 21.3276]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[16.9603, 25.1463, -45.8127]$, and the grayscale version is $[34.0563, -1.8172, 1.8503]$.

A 20% lighter version of the original color is $[57.7271, -23.2553, 27.9528]$, and $[20.8672, -13.7051, 12.6183]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.3519, -20.3156, 21.9722]$, and if you desaturate by 10%, it is $[37.9890, -17.5384, 20.3048]$.

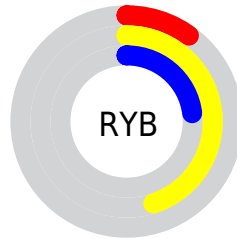
Distribution



Red (33%)

Green (45%)

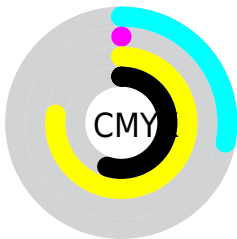
Blue (10%)



Red (10%)

Yellow (45%)

Blue (23%)

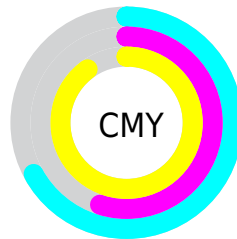


Cyan (28%)

Magenta (0%)

Yellow (77%)

Black (55%)



Cyan (67%)

Magenta (55%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6498, -19.0242, 21.3276 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 37.6498, -19.0242, 21.3276 by changing the saturation by 10% instead.

■ 37.6498, -19.0242,
21.3276

■ 37.6498, -19.0242,
21.3276

147.7569,
-36.3887, 47.7428

■ 28.7106, -16.7679,
17.6320

■ 57.7931, -23.2117,
28.0415

■ 20.6175, -14.3365,
14.4322

■ 68.8921, -25.1968,
31.1445

■ 13.4716, -11.6358,
9.4301

■ 80.6227, -27.1327,
34.1204

■ 7.0455, -12.3296,
4.9319

■ 92.9525, -29.0308,
36.9920

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.8538,
-30.8996, 39.7771

0.0000, NaN, NaN

■ 119.3021,

0.0000, NaN, NaN

-32.7456, 42.4901

0.0000, NaN, NaN

133.2762,
-34.5740, 45.1422

37.6498, -19.0242,
21.3276

37.6498, -19.0242,
21.3276

37.3519, -20.3156,
21.9722

37.9890, -17.5384,
20.3048

37.0859, -21.4471,
22.3389

38.3690, -15.8478,
18.8746

37.0190, -21.7330,
22.4305

38.7923, -13.9501,
17.0183

39.2598, -11.8451,
14.7243

39.7721, -9.5356,
11.9879

■ 40.3296, -7.0265,
8.8098

■ 40.9323, -4.3247,
5.1954

■ 41.5799, -1.4385,
1.1540

■ 42.2720, 1.6229,
-3.3017

Harmonies

Analogous

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



37.6506, -2.6282, 22.8678



37.6498, -19.0242, 21.3276



37.6506, -28.9229, 15.3125

Triad

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



37.6506, -19.0251, 21.3278



37.6506, -18.1473, -42.7521



37.6506, 41.9152, 2.6337

Complementary

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



37.6498, -19.0242, 21.3276



16.9603, 25.1463, -45.8127

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.



37.6506, 35.5477, -19.0117



37.6498, -19.0242, 21.3276



37.6506, -1.3897, -51.8774

Square

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



37.6506, -19.0251, 21.3278



37.6506, -28.4912, -20.5761



37.6506, 18.6911, -41.5766



37.6506, 34.7072, 15.9045

Rectangle

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



37.6498, -19.0242, 21.3276



37.6506, -31.7215, 7.1048



37.6506, 18.6911, -41.5766



37.6506, 41.2824, -3.8216

Sweetspot

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



37.6506, -19.0251, 21.3278



53.4957, -11.5202, 14.5013



25.8090, 15.1974, 13.9239



26.0240, -6.0993, 7.6715



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.



37.6506, -19.0251, 21.3278



49.6959, -28.3965, 29.7643



35.7421, -26.7524, 19.9343



20.5026, -2.4042, 2.9262



39.5646, -23.2990, 23.9716



87.0556, -52.5748, 52.7228

Inverse Universe

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



16.9603, 25.1463, -45.8127



18.5268, 40.5183, -80.8236



21.8663, 34.4226, -29.9051



19.0998, 0.3452, -0.9217



13.9673, 34.0504, -69.5092



30.1040, 74.4601, -158.1116

Previews

White Background



This preview shows how the HunterLab color 37.6498, -19.0242, 21.3276 looks on a white background.

Color Contrast Check

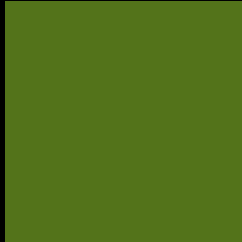
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.6498, -19.0242, 21.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

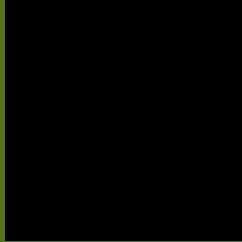
Any Text WCAG AA × Fail

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 37.6498, -19.0242, 21.3276 Background



This preview shows how black text looks on a background with the HunterLab color 37.6498, -19.0242, 21.3276.



This preview shows how white text looks on a background with the HunterLab color 37.6498, -19.0242, 21.3276.

-19.0242, 21.3276.

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

37.6498, -19.0242, 21.3276

Protanopia

37.4387, -5.0743, 21.6970

Deuteranopia

37.4826, 1.9896, 20.8555



Tritanopia

37.5546, -4.2905, -3.0201

Trichromacy



Original Color

37.6498, -19.0242, 21.3276

Protanomaly

37.4252, -10.8394, 21.5025

Deuteranomaly

37.1137, -6.1507, 20.7994

Tritanomaly

37.2830, -11.3497, 9.7608

Monochromacy



Original Color

37.6498, -19.0242, 21.3276

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

34.8842, -9.0018, 11.4897

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6498, -19.0242, 21.3276 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(83, 115, 26)` looks like.

```
.text, #text, p{  
    color:rgb(83, 115, 26)  
}
```

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(83, 115, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 115, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6498, -19.0242, 21.3276 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(83, 115, 26) }
```


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

```
.border{ border-color:rgb(83, 115, 26) }
```

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

Here you see how a box with a 4 pixel rgb(83, 115, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 115, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 115, 26);  
box-shadow:4px 4px 4px 4px rgb(83, 115,  
26) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.6498, -19.0242, 21.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 115, 26) }
```

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

```
.background{ background-color: rgb(83, 115,  
26) }
```

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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