

Converting Colors

HunterLab(37.9626, -25.3742,
18.5806)

Have a look what the booklet for
HunterLab(37.9626, -25.3742,
18.5806) contains.

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Color

**HunterLab(37.9516,
-25.4106, 18.5722)**

Conversions

Conversions Part 1

Format	Color
Hex	357830
RGB	53, 120, 48
RGB Percent	21%, 47%, 19%
CMY	0.7922, 0.5294, 0.8118
CMYK	0.56, 0.00, 0.60, 0.53
HSL	116°, 43%, 33%
HSV	116°, 60%, 47%
XYZ	8.7182, 14.4032, 5.1169
YIQ	91.7590, -16.8200, -36.5960

Conversions

Conversions Part 2

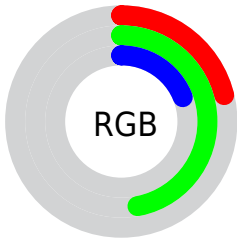
Format	Color
RYB	48, 120, 115
Decimal	3504176
CIELab	44.81, -36.60, 32.66
CIELCh	45, 49.057, 138.254
Yxy	14.4038, 0.3087, 0.5101
Android (android.graphics.Color)	4281694256 (0xFF357830)
YUV	91.7590, -21.5732, -33.9916
Hunter-Lab	37.9516, -25.4106, 18.5722

Details

The HunterLab color $[37.9516, -25.4106, 18.5722]$ is a dark color, and the websafe version is hex 006633 . A complement of this color would be $[26.6746, 30.3963, -22.5289]$, and the grayscale version is $[32.7076, -1.7452, 1.7771]$.

A 20% lighter version of the original color is $[58.1501, -31.0226, 23.7578]$, and $[20.9292, -17.9468, 12.5823]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.4829, -27.5773, 19.9736]$, and if you desaturate by 10%, it is $[38.5427, -22.7228, 16.7754]$.

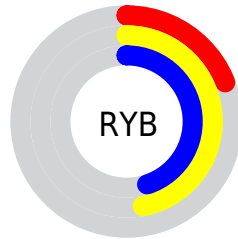
Distribution



Red (21%)

Green (47%)

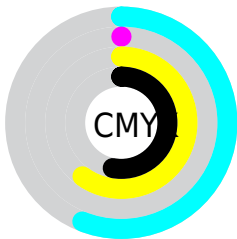
Blue (19%)



Red (19%)

Yellow (47%)

Blue (45%)

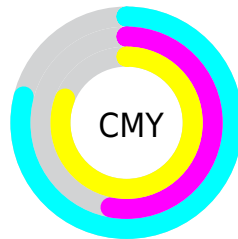


Cyan (56%)

Magenta (0%)

Yellow (60%)

Black (53%)



Cyan (79%)

Magenta (53%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.9516, -25.4106, 18.5722 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 37.9516, -25.4106, 18.5722 by changing the saturation by 10% instead.

■ 37.9516, -25.4106,
18.5722

■ 37.9516, -25.4106,
18.5722

148.2326,
-48.0527, 39.7923

■ 28.9863, -22.3147,
15.6754

■ 58.1411, -31.0494,
23.8585

■ 20.8645, -18.9335,
12.5974

■ 69.2611, -33.6782,
26.3227

■ 13.6861, -15.2842,
9.5803

■ 81.0115, -36.2165,
28.7013

■ 7.2947, -12.7657,
5.1063

■ 93.3601, -38.6824,
31.0114

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.2794,
-41.0895, 33.2663

0.0000, NaN, NaN

■ 119.7450,

0.0000, NaN, NaN

-43.4483, 35.4763

0.0000, NaN, NaN

133.7358,
-45.7671, 37.6494

■ 37.9516, -25.4106,
18.5722

■ 37.9516, -25.4106,
18.5722

■ 37.4829, -27.5773,
19.9736

■ 38.5427, -22.7228,
16.7754

■ 37.1290, -29.2233,
20.9870

■ 39.2566, -19.5258,
14.5877

■ 36.8831, -30.3702,
21.6363

■ 40.0949, -15.8469,
12.0251

■ 36.7251, -31.1155,
22.0850

■ 41.0566, -11.7226,
9.1116

■ 36.7250, -31.1155,
22.0851

■ 42.1392, -7.1956,
5.8771

■ 43.3394, -2.3120,
2.3544

■ 44.6526, 2.8816,
-1.4224

■ 46.0739, 8.3403,
-5.4198

■ 47.5978, 14.0218,
-9.6060

Harmonies

Analogous

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



37.9524, -12.7012, 22.3641



37.9516, -25.4106, 18.5722



37.9524, -31.3351, 8.4217

Triad

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



37.9524, -25.4112, 18.5724



37.9524, -9.1105, -49.3907



37.9524, 38.7742, 11.3372

Complementary

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



37.9516, -25.4106, 18.5722



26.6746, 30.3963, -22.5289

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.



37.9524, 40.2547, -5.6239



37.9516, -25.4106, 18.5722



37.9524, 9.9750, -47.2622

Square

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



37.9524, -25.4112, 18.5724



37.9524, -23.2251, -33.5973



37.9524, 28.8914, -28.7105



37.9524, 25.1712, 19.8109

Rectangle

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



37.9516, -25.4106, 18.5722



37.9524, -31.5897, -3.2110



37.9524, 28.8914, -28.7105



37.9524, 40.7912, 6.6793

Sweetspot

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



37.9524, -25.4112, 18.5724



54.6616, -14.6445, 11.4422



40.3012, -7.2026, 20.5931



26.4492, -7.8105, 6.0546



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.



37.9524, -25.4112, 18.5724



49.5147, -37.4743, 27.0537



38.2257, -23.4160, 11.9644



21.1235, -3.3823, 2.7837



38.3543, -32.5138, 23.0645



83.6826, -71.3768, 50.3153

Inverse Universe

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



26.6746, 30.3963, -22.5289



32.2930, 48.6152, -36.6308



26.1640, 26.8620, -5.3284



20.1595, 1.2750, -0.6231



22.8284, 45.5746, -35.4830



49.7055, 99.3190, -77.9334

Previews

White Background



This preview shows how the HunterLab color 37.9516, -25.4106, 18.5722 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 37.9516, -25.4106, 18.5722 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 37.9516, -25.4106, 18.5722 Background



This preview shows how black text looks on a background with the HunterLab color 37.9516, -25.4106, 18.5722.



This preview shows how white text looks on a background with the HunterLab color 37.9516, -25.4106, 18.5722.

-25.4106, 18.5722.

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

37.9516, -25.4106, 18.5722

Protanopia

37.7781, -4.9480, 19.4523

Deuteranopia

37.5853, 2.7518, 17.7026



Tritanopia

38.0534, -10.9035, -5.4304

Trichromacy



Original Color

37.9516, -25.4106, 18.5722

Protanomaly

37.3337, -13.8203, 18.8202

Deuteranomaly

36.8620, -9.5136, 17.3222

Tritanomaly

37.9128, -17.5666, 6.1231

Monochromacy



Original Color

37.9516, -25.4106, 18.5722

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

34.1237, -11.6032, 8.9436

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9516, -25.4106, 18.5722 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(53, 120, 48)` looks like.

```
.text, #text, p{  
    color:rgb(53, 120, 48)  
}
```

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(53, 120, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 120, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9516, -25.4106, 18.5722 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(53, 120, 48) }
```


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

```
.border{ border-color:rgb(53, 120, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 120, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 120, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 120, 48);  
box-shadow:4px 4px 4px 4px rgb(53, 120,  
48) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.9516, -25.4106, 18.5722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 120, 48) }
```

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

```
.background{ background-color: rgb(53, 120,  
48) }
```

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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