

Converting Colors

HunterLab(37.9809, -21.2933,
12.6396)

Have a look what the booklet for
HunterLab(37.9809, -21.2933,
12.6396) contains.

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Color

**HunterLab(37.9809,
-21.2933, 12.6396)**

Conversions

Conversions Part 1

Format	Color
Hex	3C764B
RGB	60, 118, 75
RGB Percent	24%, 46%, 29%
CMY	0.7647, 0.5372, 0.7059
CMYK	0.49, 0.00, 0.36, 0.54
HSL	136°, 33%, 35%
HSV	136°, 49%, 46%
XYZ	9.6119, 14.4255, 8.9344
YIQ	95.7560, -20.7650, -25.6690

Conversions

Conversions Part 2

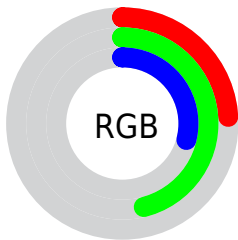
Format	Color
RYB	60, 106, 118
Decimal	3962443
CIELab	44.84, -29.28, 17.98
CIELCh	45, 34.362, 148.444
Yxy	14.4261, 0.2915, 0.4375
Android (android.graphics.Color)	4282152523 (0xFF3C764B)
YUV	95.7560, -10.2327, -31.3580
Hunter-Lab	37.9809, -21.2933, 12.6396

Details

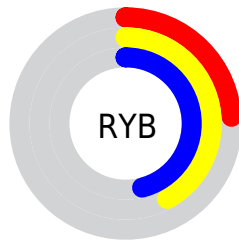
The HunterLab color $[37.9809, -21.2933, 12.6396]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[28.3951, 22.8253, -8.8980]$, and the grayscale version is $[34.1531, -1.8223, 1.8556]$.

A 20% lighter version of the original color is $[58.2757, -26.1525, 16.0507]$, and $[20.9030, -16.0853, 9.1147]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.3992, -23.9348, 14.3929]$, and if you desaturate by 10%, it is $[38.6829, -18.1968, 10.7406]$.

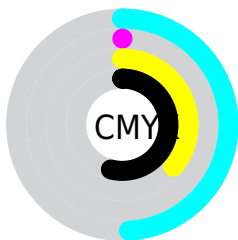
Distribution



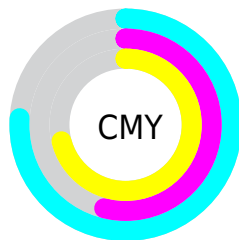
- Red (24%)
- Green (46%)
- Blue (29%)



- Red (24%)
- Yellow (42%)
- Blue (46%)



- Cyan (49%)
- Magenta (0%)
- Yellow (36%)
- Black (54%)



- Cyan (76%)
- Magenta (54%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.9809, -21.2933, 12.6396 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 37.9809, -21.2933, 12.6396 by changing the saturation by 10% instead.

37.9809, -21.2933,
12.6396

37.9809, -21.2933,
12.6396

148.2787,
-40.4008, 26.5869

29.0131, -18.7625,
10.9039

58.1749, -25.9570,
15.9085

20.8885, -16.0222,
9.0550

69.2969, -28.1542,
17.4801

13.7069, -12.9635,
7.2966

81.0492, -30.2891,
19.0261

7.3184, -12.8071,
5.1229

93.3997, -32.3750,
20.5542

0.0000, NaN, NaN

0.0000, NaN, NaN

106.3207,
-34.4221, 22.0705

0.0000, NaN, NaN

119.7880,

0.0000, NaN, NaN

-36.4382, 23.5791

0.0000, NaN, NaN

133.7803,
-38.4295, 25.0837

■ 37.9809, -21.2933,
12.6396

■ 37.9809, -21.2933,
12.6396

■ 37.3992, -23.9348,
14.3929

■ 38.6829, -18.1968,
10.7406

■ 36.9326, -26.1049,
15.9801

■ 39.5035, -14.6693,
8.7165

■ 36.5769, -27.8037,
17.3853

■ 40.4429, -10.7458,
6.5901

■ 36.3245, -29.0474,
18.5967

■ 41.4986, -6.4655,
4.3839

■ 36.1443, -29.9572,
19.5916

■ 42.6676, -1.8708,
2.1189

■ 36.1300, -30.0289,
19.6644

■ 43.9455, 2.9962,
-0.1854

■ 45.3277, 8.0947,
-2.5121

■ 46.8091, 13.3867,
-4.8468

■ 48.3845, 18.8383,
-7.1777

Harmonies

Analogous

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



37.9817, -13.3566, 17.7386



37.9809, -21.2933, 12.6396



37.9817, -24.1788, 2.7161

Triad

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



37.9817, -21.2939, 12.6399



37.9817, -2.7141, -30.7702



37.9817, 22.9100, 11.8472

Complementary

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



37.9809, -21.2933, 12.6396



28.3951, 22.8253, -8.8980

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.



37.9817, 26.7554, 1.4072



37.9809, -21.2933, 12.6396



37.9817, 10.8054, -25.8101

Square

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



37.9817, -21.2939, 12.6399



37.9817, -14.3972, -24.7319



37.9817, 22.0571, -12.8291



37.9817, 12.1582, 17.4027

Rectangle

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



37.9809, -21.2933, 12.6396



37.9817, -23.1958, -6.3737



37.9817, 22.0571, -12.8291



37.9817, 25.1127, 8.9284

Sweetspot

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



37.9817, -21.2939, 12.6399



54.1382, -12.1564, 7.6437



40.2455, -13.0122, 18.2732



25.8510, -6.2697, 3.8945



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.



37.9817, -21.2939, 12.6399



49.5010, -32.1521, 19.3750



38.6102, -17.5655, 3.5756



20.2789, -3.1316, 2.1280



37.5765, -31.2488, 20.4898



82.8773, -69.4417, 46.3153

Inverse Universe

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



28.3951, 22.8253, -8.8980



34.4963, 37.4578, -14.1771



27.5403, 18.8247, 3.1611



19.3456, 1.0978, 0.0230



22.1760, 41.3632, -11.9190



48.8055, 90.7810, -24.2779

Previews

White Background



This preview shows how the HunterLab color 37.9809, -21.2933, 12.6396 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 37.9809, -21.2933, 12.6396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

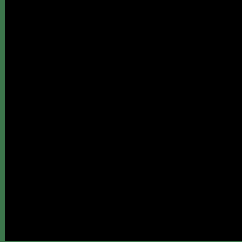
Any Text WCAG AA × Fail

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 37.9809, -21.2933, 12.6396 Background



This preview shows how black text looks on a background with the HunterLab color 37.9809, -21.2933, 12.6396.



This preview shows how white text looks on a background with the HunterLab color 37.9809,

-21.2933, 12.6396.

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

37.9809, -21.2933, 12.6396

Protanopia

37.9409, -3.6842, 14.2597

Deuteranopia

37.7251, 2.6952, 11.6677



Tritanopia

37.8265, -10.3059, -5.2253

Trichromacy



Original Color

37.9809, -21.2933, 12.6396

Protanomaly

37.4868, -11.0097, 13.2097

Deuteranomaly

37.1916, -7.4932, 11.2957

Tritanomaly

37.7192, -14.7539, 2.3977

Monochromacy



Original Color

37.9809, -21.2933, 12.6396

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

35.2764, -9.7212, 6.0496

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9809, -21.2933, 12.6396 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(60, 118, 75)` looks like.

```
.text, #text, p{  
    color:rgb(60, 118, 75)  
}
```

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(60, 118, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 118, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9809, -21.2933, 12.6396 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(60, 118, 75) }
```


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

```
.border{ border-color:rgb(60, 118, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 118, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 118, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 118, 75);  
box-shadow:4px 4px 4px 4px rgb(60, 118,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.9809, -21.2933, 12.6396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 118, 75) }
```

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

```
.background{ background-color: rgb(60, 118,  
75) }
```

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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