

Converting Colors

HunterLab(37.2489, -21.9851,
18.2140)

Have a look what the booklet for
HunterLab(37.2489, -21.9851,
18.2140) contains.

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Color

**HunterLab(37.2213,
-21.9514, 18.2675)**

Conversions

Conversions Part 1

Format	Color
Hex	42742F
RGB	66, 116, 47
RGB Percent	26%, 45%, 18%
CMY	0.7412, 0.5451, 0.8157
CMYK	0.43, 0.00, 0.59, 0.55
HSL	103°, 42%, 32%
HSV	103°, 59%, 45%
XYZ	9.0052, 13.8543, 4.8888
YIQ	93.1840, -7.6510, -32.0590

Conversions

Conversions Part 2

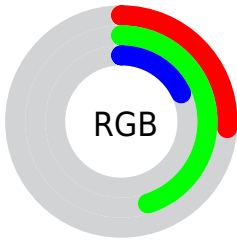
Format	Color
RYB	47, 116, 97
Decimal	4355119
CIELab	44.02, -30.78, 32.40
CIELCh	44, 44.692, 133.529
Yxy	13.8548, 0.3245, 0.4993
Android (android.graphics.Color)	4282545199 (0xFF42742F)
YUV	93.1840, -22.7687, -23.8404
Hunter-Lab	37.2213, -21.9514, 18.2675

Details

The HunterLab color $[37.2213, -21.9514, 18.2675]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[24.1574, 24.9598, -25.2320]$, and the grayscale version is $[33.2378, -1.7735, 1.8059]$.

A 20% lighter version of the original color is $[57.1081, -26.7856, 23.4807]$, and $[20.2481, -16.2767, 12.1919]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.7458, -24.1006, 19.6043]$, and if you desaturate by 10%, it is $[37.7823, -19.4405, 16.5325]$.

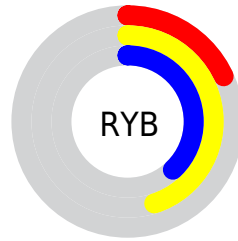
Distribution



Red (26%)

Green (45%)

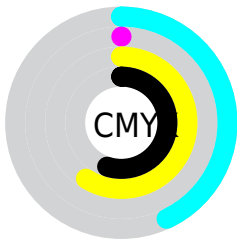
Blue (18%)



Red (18%)

Yellow (45%)

Blue (38%)

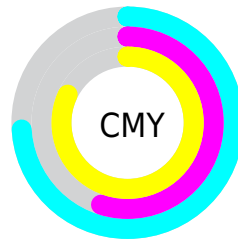


Cyan (43%)

Magenta (0%)

Yellow (59%)

Black (55%)



Cyan (74%)

Magenta (55%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.2213, -21.9514, 18.2675 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 37.2213, -21.9514, 18.2675 by changing the saturation by 10% instead.

37.2213, -21.9514,
18.2675

37.2213, -21.9514,
18.2675

147.0802,
-41.8198, 39.4064

28.3192, -19.2912,
15.3750

57.2986, -26.8318,
23.5391

20.2672, -16.3990,
12.3428

68.3677, -29.1228,
25.9945

13.1679, -13.2262,
9.2175

80.0700, -31.3445,
28.3637

6.6745, -11.6803,
4.6721

92.3729, -33.5114,
30.6642

0.0000, NaN, NaN

0.0000, NaN, NaN

105.2484,
-35.6348, 32.9094

0.0000, NaN, NaN

118.6721,

0.0000, NaN, NaN

-37.7231, 35.1096

0.0000, NaN, NaN

132.6224,
-39.7830, 37.2731

■ 37.2213, -21.9514,
18.2675

■ 37.2213, -21.9514,
18.2675

■ 36.7458, -24.1006,
19.6043

■ 37.7823, -19.4405,
16.5325

■ 36.3512, -25.8821,
20.5545

■ 38.4273, -16.5772,
14.3966

■ 36.0351, -27.3021,
21.1438

■ 39.1571, -13.3795,
11.8669

■ 35.7852, -28.4239,
21.5245

■ 39.9710, -9.8694,
8.9569

■ 35.7735, -28.4766,
21.5449

■ 40.8674, -6.0719,
5.6856

■ 41.8443, -2.0138,
2.0758

■ 42.8993, 2.2779,
-1.8478

■ 44.0295, 6.7762,
-6.0589

■ 45.2320, 11.4554,
-10.5313

Harmonies

Analogous

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



37.2221, -9.3387, 21.3639



37.2213, -21.9514, 18.2675



37.2221, -28.4596, 9.8162

Triad

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



37.2221, -21.9521, 18.2677



37.2221, -10.8200, -41.8981



37.2221, 35.4731, 8.5979

Complementary

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



37.2213, -21.9514, 18.2675



24.1574, 24.9598, -25.2320

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.



37.2221, 34.8809, -7.9256



37.2213, -21.9514, 18.2675



37.2221, 5.9813, -42.7288

Square

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



37.2221, -21.9521, 18.2677



37.2221, -22.8679, -26.4242



37.2221, 23.3390, -28.3499



37.2221, 24.8351, 17.7222

Rectangle

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



37.2213, -21.9514, 18.2675



37.2221, -29.3441, 0.0585



37.2221, 23.3390, -28.3499



37.2221, 36.6315, 3.8918

Sweetspot

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



37.2221, -21.9521, 18.2677



53.1105, -12.5851, 11.4515



35.1666, -0.9354, 17.1187



25.8090, -6.7108, 6.0699



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.



37.2221, -21.9521, 18.2677



48.5322, -32.7895, 26.4645



36.6647, -23.8222, 14.8170



20.3532, -2.9355, 2.7539



37.8847, -30.2134, 22.8155



83.4070, -67.6447, 50.2107

Inverse Universe

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



24.1574, 24.9598, -25.2320



28.3870, 40.3611, -42.4647



25.8591, 27.7151, -11.8402



19.2605, 0.8906, -0.7072



18.7725, 39.6862, -46.3016



40.9034, 86.9067, -104.2523

Previews

White Background



This preview shows how the HunterLab color 37.2213, -21.9514, 18.2675 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 37.2213, -21.9514, 18.2675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

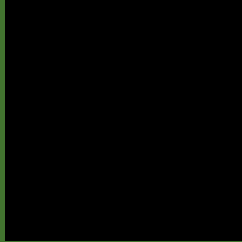
Any Text WCAG AA × Fail

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 37.2213, -21.9514, 18.2675 Background



This preview shows how black text looks on a background with the HunterLab color 37.2213, -21.9514, 18.2675.



This preview shows how white text looks on a background with the HunterLab color 37.2213,

-21.9514, 18.2675.

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

37.2213, -21.9514, 18.2675

Protanopia

37.0404, -4.7915, 19.0818

Deuteranopia

36.9914, 2.0206, 17.6221



Tritanopia

37.2357, -8.2098, -4.4903

Trichromacy



Original Color

37.2213, -21.9514, 18.2675

Protanomaly

36.6720, -11.8655, 18.5368

Deuteranomaly

36.5194, -7.9290, 17.4652

Tritanomaly

37.1711, -14.3871, 6.5025

Monochromacy



Original Color

37.2213, -21.9514, 18.2675

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

34.1587, -10.0013, 9.0054

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.2213, -21.9514, 18.2675 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(66, 116, 47)` looks like.

```
.text, #text, p{  
    color:rgb(66, 116, 47)  
}
```

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(66, 116, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 116, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 37.2213, -21.9514, 18.2675 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(66, 116, 47) }
```


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

```
.border{ border-color:rgb(66, 116, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 116, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 116, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 116, 47);  
box-shadow:4px 4px 4px 4px rgb(66, 116,  
47) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.2213, -21.9514, 18.2675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 116, 47) }
```

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

```
.background{ background-color: rgb(66, 116,  
47) }
```

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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