

Converting Colors

HunterLab(37.4021, -16.8196,
20.5904)

Have a look what the booklet for
HunterLab(37.4021, -16.8196,
20.5904) contains.

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Color

**HunterLab(37.4022,
-16.8210, 20.5864)**

Conversions

Conversions Part 1

Format	Color
Hex	587120
RGB	88, 113, 32
RGB Percent	35%, 44%, 13%
CMY	0.6549, 0.5569, 0.8745
CMYK	0.22, 0.00, 0.72, 0.56
HSL	79°, 56%, 28%
HSV	79°, 72%, 44%
XYZ	10.1903, 13.9892, 3.5296
YIQ	96.2910, 11.1010, -30.4910

Conversions

Conversions Part 2

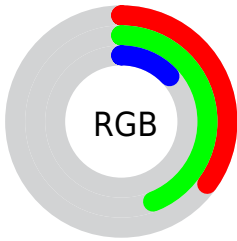
Format	Color
R_{YB}	32, 113, 57
Decimal	5796128
CIE _{Lab}	44.22, -22.03, 40.05
CIE _{LCh}	44, 45.711, 118.810
Yxy	13.9899, 0.3678, 0.5049
Android (android.graphics.Color)	4283986208 (0xFF587120)
YUV	96.2910, -31.6955, -7.2712
Hunter-Lab	37.4022, -16.8210, 20.5864

Details

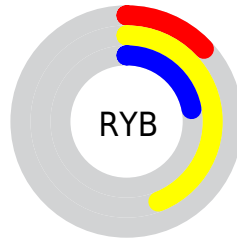
The HunterLab color $37.4022, -16.8210, 20.5864$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $17.5941, 21.8151, -41.4264$, and the grayscale version is $34.4219, -1.8367, 1.8702$.

A 20% lighter version of the original color is $57.5282, -20.6420, 26.8601$, and $20.5230, -12.1970, 12.4326$ is the 20% darker color. If you saturate the color by 10%, you get $37.1112, -18.0957, 21.4405$, and if you desaturate by 10%, it is $37.7314, -15.3642, 19.3436$.

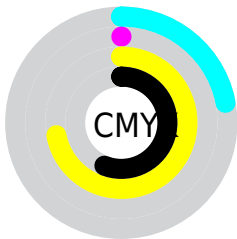
Distribution



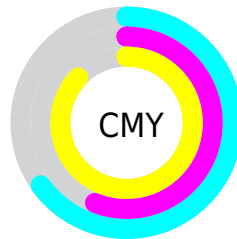
- Red (35%)
- Green (44%)
- Blue (13%)



- Red (13%)
- Yellow (44%)
- Blue (22%)



- Cyan (22%)
- Magenta (0%)
- Yellow (72%)
- Black (56%)



- Cyan (65%)
- Magenta (56%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4022, -16.8210, 20.5864 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 37.4022, -16.8210, 20.5864 by changing the saturation by 10% instead.

37.4022, -16.8210,
20.5864

37.4022, -16.8210,
20.5864

147.3661,
-32.5308, 45.6843

28.4844, -14.8251,
17.0850

57.5074, -20.5564,
26.9448

20.4150, -12.6874,
13.9447

68.5892, -22.3401,
29.8865

13.2960, -10.3288,
9.3072

80.3035, -24.0873,
32.7107

6.8338, -11.9591,
4.7836

92.6177, -25.8071,
35.4391

0.0000, NaN, NaN

0.0000, NaN, NaN

105.5041,
-27.5066, 38.0886

0.0000, NaN, NaN

118.9383,

0.0000, NaN, NaN

-29.1911, 40.6725

0.0000, NaN, NaN

132.8986,
-30.8647, 43.2015

37.4022, -16.8210,
20.5864

37.4022, -16.8210,
20.5864

37.1112, -18.0957,
21.4405

37.7314, -15.3642,
19.3436

36.8536, -19.1959,
21.9386

38.0979, -13.7164,
17.6880

36.6547, -20.0391,
22.2357

38.5041, -11.8759,
15.6044

38.9507, -9.8427,
13.0839

39.4384, -7.6193,
10.1234

■ 39.9673, -5.2099,
6.7245

■ 40.5377, -2.6204,
2.8932

■ 41.1492, 0.1419,
-1.3610

■ 41.8016, 3.0691,
-6.0259

Harmonies

Analogous

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



37.4030, -1.2992, 21.9456



37.4022, -16.8210, 20.5864



37.4030, -26.5741, 15.0726

Triad

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



37.4030, -16.8220, 20.5866



37.4030, -17.8246, -36.8122



37.4030, 37.7691, 1.3678

Complementary

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



37.4022, -16.8210, 20.5864



17.5941, 21.8151, -41.4264

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.



37.4030, 31.2201, -18.5321



37.4022, -16.8210, 20.5864



37.4030, -2.6912, -45.9441

Square

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



37.4030, -16.8220, 20.5866



37.4030, -27.0741, -16.8250



37.4030, 15.5689, -38.0753



37.4030, 32.1446, 14.3750

Rectangle

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



37.4022, -16.8210, 20.5864



37.4030, -29.5318, 7.7112



37.4030, 15.5689, -38.0753



37.4030, 36.9000, -4.6968

Sweetspot

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



37.4030, -16.8220, 20.5866



52.7121, -10.4764, 13.9307



25.4421, 15.1123, 12.7569



25.2855, -5.3287, 7.0937



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.4030, -16.8220, 20.5866



49.4265, -25.2139, 29.1810



35.4239, -24.7300, 19.1076



19.6649, -2.2214, 2.8124



39.0247, -21.3961, 23.6723



86.8294, -48.8306, 52.6490

Inverse Universe

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



17.5941, 21.8151, -41.4264



19.0268, 36.7051, -74.8082



21.8084, 30.6391, -28.5010



18.2915, 0.2473, -0.8934



13.2123, 32.8623, -70.8087



28.7889, 72.7026, -162.7966

Previews

White Background



This preview shows how the HunterLab color 37.4022, -16.8210, 20.5864 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 37.4022, -16.8210, 20.5864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

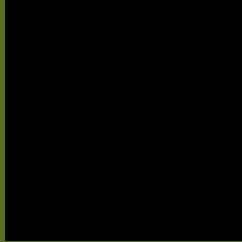
Any Text WCAG AA × Fail

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 37.4022, -16.8210, 20.5864 Background



This preview shows how black text looks on a background with the HunterLab color 37.4022, -16.8210, 20.5864.



This preview shows how white text looks on a background with the HunterLab color 37.4022, -16.8210, 20.5864.

-16.8210, 20.5864.

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

37.4022, -16.8210, 20.5864

Protanopia

37.3882, -5.1689, 21.0001

Deuteranopia

37.1525, 2.2546, 20.1395



Tritanopia

37.2283, -2.7286, -2.4615

Trichromacy



Original Color

37.4022, -16.8210, 20.5864

Protanomaly

37.2669, -9.8773, 20.7284

Deuteranomaly

36.9687, -5.1902, 20.1389

Tritanomaly

37.0741, -9.1311, 9.2715

Monochromacy



Original Color

37.4022, -16.8210, 20.5864

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

35.0869, -8.1468, 10.8264

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4022, -16.8210, 20.5864 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(88, 113, 32)` looks like.

```
.text, #text, p{  
    color:rgb(88, 113, 32)  
}
```

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(88, 113, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 113, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4022, -16.8210, 20.5864 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(88, 113, 32) }
```


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

```
.border{ border-color:rgb(88, 113, 32) }
```

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

Here you see how a box with a 4 pixel rgb(88, 113, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 113, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 113, 32);  
box-shadow:4px 4px 4px 4px rgb(88, 113,  
32) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4022, -16.8210, 20.5864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 113, 32) }
```

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

```
.background{ background-color: rgb(88, 113,  
32) }
```

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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