

Converting Colors

HunterLab(38.4670, -14.2437,
21.2361)

Have a look what the booklet for
HunterLab(38.4670, -14.2437,
21.2361) contains.

HunterLab(38.4670, -14.2437, 21.2361)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(38.4670,
-14.2437, 21.2361)**

Conversions

Conversions Part 1

Format	Color
Hex	637221
RGB	99, 114, 33
RGB Percent	39%, 45%, 13%
CMY	0.6118, 0.5529, 0.8706
CMYK	0.13, 0.00, 0.71, 0.55
HSL	71°, 55%, 29%
HSV	71°, 71%, 45%
XYZ	11.4374, 14.7971, 3.6922
YIQ	100.2810, 17.0610, -28.3710

Conversions

Conversions Part 2

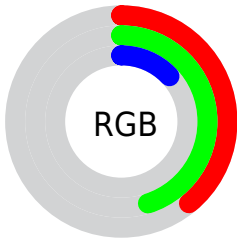
Format	Color
R_{YB}	33, 114, 48
Decimal	6517281
CIE _{Lab}	45.36, -17.61, 41.05
CIE _{LCh}	45, 44.669, 113.222
Yxy	14.7978, 0.3822, 0.4944
Android (android.graphics.Color)	4284707361 (0xFF637221)
YUV	100.2810, -33.1695, -1.1234
Hunter-Lab	38.4670, -14.2437, 21.2361

Details

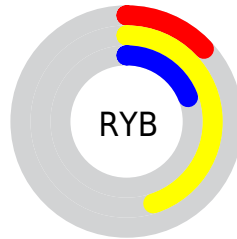
The HunterLab color $38.4670, -14.2437, 21.2361$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $17.1212, 20.0870, -44.2302$, and the grayscale version is $35.9209, -1.9167, 1.9517$.

A 20% lighter version of the original color is $58.7983, -17.4499, 27.6737$, and $21.3882, -10.1921, 13.0009$ is the 20% darker color. If you saturate the color by 10%, you get $38.2452, -15.2322, 22.1540$, and if you desaturate by 10%, it is $38.7212, -13.0928, 19.9209$.

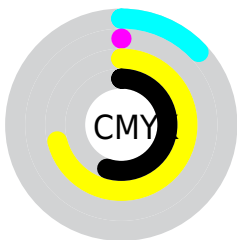
Distribution



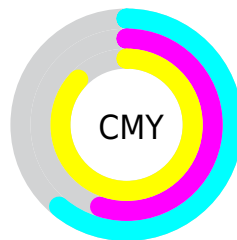
- Red (39%)
- Green (45%)
- Blue (13%)



- Red (13%)
- Yellow (45%)
- Blue (19%)



- Cyan (13%)
- Magenta (0%)
- Yellow (71%)
- Black (55%)



- Cyan (61%)
- Magenta (55%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.4670, -14.2437, 21.2361 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 38.4670, -14.2437, 21.2361 by changing the saturation by 10% instead.

■ 38.4670, -14.2437,
21.2361

■ 38.4670, -14.2437,
21.2361

149.0432,
-27.8925, 46.7508

■ 29.4577, -12.5789,
17.6855

■ 58.7350, -17.4105,
27.6948

■ 21.2873, -10.8193,
14.3817

■ 69.8905, -18.9428,
30.6857

■ 14.0538, -8.9102,
9.8376

■ 81.6746, -20.4549,
33.5578

■ 7.7002, -10.3782,
5.3902

■ 94.0553, -21.9533,
36.3327

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.0052,
-23.4430, 39.0274

0.0000, NaN, NaN

■ 120.5002,

0.0000, NaN, NaN

-24.9275, 41.6552

0.0000, NaN, NaN

134.5192,
-26.4099, 44.2268

38.4670, -14.2437,
21.2361

38.4670, -14.2437,
21.2361

38.2452, -15.2322,
22.1540

38.7212, -13.0928,
19.9209

38.0508, -16.0672,
22.7089

39.0073, -11.7676,
18.1816

37.8901, -16.7460,
23.0545

39.3276, -10.2637,
15.9998

39.6833, -8.5782,
13.3631

40.0753, -6.7103,
10.2646

■ 40.5043, -4.6610,
6.7023

■ 40.9706, -2.4332,
2.6783

■ 41.4746, -0.0309,
-1.8013

■ 42.0161, 2.5405,
-6.7270

Harmonies

Analogous

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



38.4679, 1.9265, 22.0647



38.4670, -14.2437, 21.2361



38.4679, -25.1205, 16.5681

Triad

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



38.4679, -14.2448, 21.2364



38.4679, -19.9192, -32.5856



38.4679, 36.5996, -1.8068

Complementary

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



38.4670, -14.2437, 21.2361



17.1212, 20.0870, -44.2302

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.



38.4679, 28.1780, -21.9033



38.4670, -14.2437, 21.2361



38.4679, -5.8802, -44.0736

Square

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



38.4679, -14.2448, 21.2364



38.4679, -27.9720, -12.4898



38.4679, 11.8724, -39.4849



38.4679, 33.2970, 12.5473

Rectangle

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



38.4670, -14.2437, 21.2361



38.4679, -28.8724, 10.1128



38.4679, 11.8724, -39.4849



38.4679, 35.0035, -8.1386

Sweetspot

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



38.4679, -14.2448, 21.2364



53.0970, -9.0221, 13.8223



24.0610, 19.2107, 11.6166



25.4812, -4.5922, 7.0750



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.



38.4679, -14.2448, 21.2364



50.5352, -20.8938, 29.8722



36.1447, -23.3732, 19.5024



19.7143, -2.0469, 2.8691



39.9677, -17.6997, 24.3180



89.0098, -40.2580, 54.1427

Inverse Universe

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



17.1212, 20.0870, -44.2302



18.1232, 34.5784, -79.7491



20.9638, 28.3600, -31.6122



18.2413, 0.0759, -0.9608



12.3502, 32.1004, -76.9046



27.0437, 71.2240, -175.6303

Previews

White Background



This preview shows how the HunterLab color 38.4670, -14.2437, 21.2361 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 38.4670, -14.2437, 21.2361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

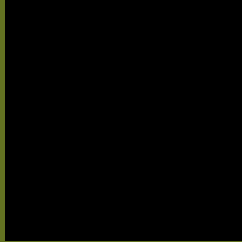
Any Text WCAG AA × Fail

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 38.4670, -14.2437, 21.2361 Background



This preview shows how black text looks on a background with the HunterLab color 38.4670, -14.2437, 21.2361.



This preview shows how white text looks on a background with the HunterLab color 38.4670, -14.2437, 21.2361.

-14.2437, 21.2361.

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

38.4670, -14.2437, 21.2361

Protanopia

38.2196, -4.9983, 21.4523

Deuteranopia

38.3549, 2.3743, 20.8411



Tritanopia

38.3036, -0.3357, -1.5097

Trichromacy



Original Color

38.4670, -14.2437, 21.2361

Protanomaly

38.3417, -8.8171, 21.3585

Deuteranomaly

38.0794, -4.0240, 20.7951

Tritanomaly

38.1264, -6.7134, 10.0108

Monochromacy



Original Color

38.4670, -14.2437, 21.2361

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

36.5161, -7.1428, 11.2742

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4670, -14.2437, 21.2361 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(99, 114, 33)` looks like.

```
.text, #text, p{  
    color:rgb(99, 114, 33)  
}
```

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(99, 114, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 114, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4670, -14.2437, 21.2361 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(99, 114, 33) }
```


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

```
.border{ border-color:rgb(99, 114, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 114, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 114, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 114, 33);  
box-shadow:4px 4px 4px 4px rgb(99, 114,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.4670, -14.2437, 21.2361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 114, 33) }
```

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

```
.background{ background-color: rgb(99, 114,  
33) }
```

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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