

Converting Colors

HunterLab(42.3192, -21.7793,
15.2429)

Have a look what the booklet for
HunterLab(42.3192, -21.7793,
15.2429) contains.

HunterLab(42.2407, -21.8508, 15.2632)	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(42.2407,
-21.8508, 15.2632)**

Conversions

Conversions Part 1

Format	Color
Hex	4D814F
RGB	77, 129, 79
RGB Percent	30%, 51%, 31%
CMY	0.6980, 0.4941, 0.6902
CMYK	0.40, 0.00, 0.39, 0.49
HSL	122°, 25%, 40%
HSV	122°, 40%, 51%
XYZ	12.3221, 17.8428, 10.1917
YIQ	107.7520, -14.9420, -26.5740

Conversions

Conversions Part 2

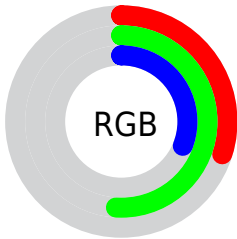
Format	Color
RYB	77, 127, 129
Decimal	5079375
CIELab	49.31, -28.43, 21.79
CIElCh	49, 35.818, 142.536
Yxy	17.8435, 0.3053, 0.4421
Android (android.graphics.Color)	4283269455 (0xFF4D814F)
YUV	107.7520, -14.1747, -26.9695
Hunter-Lab	42.2407, -21.8508, 15.2632

Details

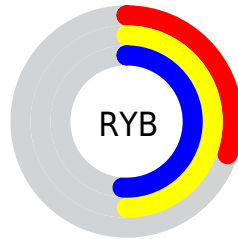
The HunterLab color $[42.2407, -21.8508, 15.2632]$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $[33.9227, 22.3979, -13.7993]$, and the grayscale version is $[38.6872, -2.0643, 2.1020]$.

A 20% lighter version of the original color is $[62.9524, -26.2580, 18.7707]$, and $[24.3614, -16.8226, 11.2151]$ is the 20% darker color. If you saturate the color by 10%, you get $[41.4668, -25.3340, 17.6057]$, and if you desaturate by 10%, it is $[43.1650, -17.7967, 12.5654]$.

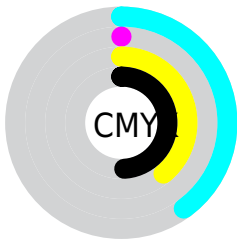
Distribution



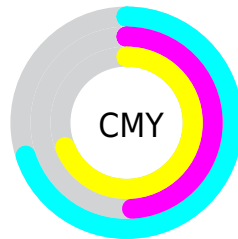
- Red (30%)
- Green (51%)
- Blue (31%)



- Red (30%)
- Yellow (50%)
- Blue (51%)



- Cyan (40%)
- Magenta (0%)
- Yellow (39%)
- Black (49%)



- Cyan (70%)
- Magenta (49%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.2407, -21.8508, 15.2632 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 42.2407, -21.8508, 15.2632 by changing the saturation by 10% instead.

■ 42.2407, -21.8508,
15.2632

■ 42.2407, -21.8508,
15.2632

154.9153,
-40.3588, 30.9113

■ 32.9207, -19.4530,
13.2844

■ 63.0639, -26.3169,
18.9770

■ 24.4086, -16.8849,
11.1779

■ 74.4718, -28.4364,
20.7532

■ 16.7912, -14.0660,
8.9151

■ 86.4950, -30.5030,
22.4937

■ 10.1892, -12.8358,
7.1325

■ 99.1036, -32.5280,
24.2075

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.2715,
-34.5200, 25.9014

0.0000, NaN, NaN

125.9759,

0.0000, NaN, NaN

-36.4858, 27.5807

0.0000, NaN, NaN

140.1965,
-38.4306, 29.2496

■ 42.2407, -21.8508,
15.2632

■ 42.2407, -21.8508,
15.2632

■ 41.4668, -25.3340,
17.6057

■ 43.1650, -17.7967,
12.5654

■ 40.8391, -28.2135,
19.5695

■ 44.2364, -13.2134,
9.5415

■ 40.3542, -30.4774,
21.1431


■ 45.4529, -8.1542,
6.2272

■ 40.0045, -32.1345,
22.3279


■ 46.8102, -2.6764,
2.6602


■ 39.7786, -33.2189,
23.1405

■ 48.3029, 3.1621,
-1.1218

 39.6384, -33.8920,
23.6185

 49.9246, 9.3054,
-5.0829

 51.6687, 15.7017,
-9.1904

 53.5280, 22.3049,
-13.4148

 55.4957, 29.0744,
-17.7311

Harmonies

Analogous

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



42.2416, -12.2384, 19.9656



42.2407, -21.8508, 15.2632



42.2416, -26.1035, 5.5421

Triad

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



42.2416, -21.8515, 15.2636



42.2416, -5.7515, -32.4993



42.2416, 26.0983, 11.1070

Complementary

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



42.2407, -21.8508, 15.2632



33.9227, 22.3979, -13.7993

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.



42.2416, 28.4358, -1.2229



42.2407, -21.8508, 15.2632



42.2416, 8.7487, -29.4921

Square

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



42.2416, -21.8515, 15.2636



42.2416, -17.6419, -24.0119



42.2416, 21.7255, -16.7908



42.2416, 15.7055, 18.1792

Rectangle

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



42.2407, -21.8508, 15.2632



42.2416, -25.7817, -3.7485



42.2416, 21.7255, -16.7908



42.2416, 27.9035, 7.5670

Sweetspot

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



42.2416, -21.8515, 15.2636



60.4879, -12.2924, 9.2353



45.5738, -9.3209, 18.7848



28.6960, -6.1852, 4.6142



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



42.2416, -21.8515, 15.2636



55.6023, -33.3900, 23.2137



42.7709, -18.7276, 7.5999



21.9573, -3.6132, 2.7939



39.1395, -33.4640, 23.3183

0.0000, NaN, NaN

Inverse Universe

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



33.9227, 22.3979, -13.7993



42.4048, 37.2217, -23.1185



33.0454, 18.1701, -1.5333



20.9992, 1.4286, -0.5228



24.4345, 47.6557, -29.2564

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 42.2407, -21.8508, 15.2632 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 42.2407, -21.8508, 15.2632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

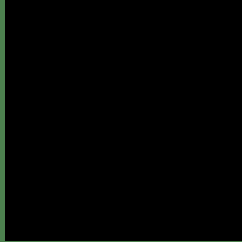
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.2407, -21.8508, 15.2632 Background



This preview shows how black text looks on a background with the HunterLab color 42.2407, -21.8508, 15.2632.



This preview shows how white text looks on a background with the HunterLab color 42.2407,

-21.8508, 15.2632.

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

42.2407, -21.8508, 15.2632

Protanopia

42.1058, -4.3736, 16.7463

Deuteranopia

42.0736, 2.7501, 14.4413



Tritanopia

42.3162, -9.6308, -4.6797

Trichromacy



Original Color

42.2407, -21.8508, 15.2632

Protanomaly

41.7705, -11.3547, 15.8347

Deuteranomaly

41.5681, -7.4563, 14.0976

Tritanomaly

42.1240, -14.5175, 3.7132

Monochromacy



Original Color

42.2407, -21.8508, 15.2632

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.8688, -10.0770, 7.5723

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.2407, -21.8508, 15.2632 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(77, 129, 79)` looks like.

```
.text, #text, p{  
    color:rgb(77, 129, 79)  
}
```

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(77, 129, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 129, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 42.2407, -21.8508, 15.2632 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(77, 129, 79) }
```


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

```
.border{ border-color:rgb(77, 129, 79) }
```

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

Here you see how a box with a 4 pixel rgb(77, 129, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 129, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 129, 79);  
box-shadow:4px 4px 4px 4px rgb(77, 129,  
79) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.2407, -21.8508, 15.2632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 129, 79) }
```

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

```
.background{ background-color: rgb(77, 129,  
79) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor