

Converting Colors

HunterLab(40.1856, -21.9450,
14.6834)

Have a look what the booklet for
HunterLab(40.1856, -21.9450,
14.6834) contains.

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Color

**HunterLab(40.2350,
-21.9125, 14.5998)**

Conversions

Conversions Part 1

Format	Color
Hex	457C4B
RGB	69, 124, 75
RGB Percent	27%, 49%, 29%
CMY	0.7294, 0.5137, 0.7059
CMYK	0.44, 0.00, 0.40, 0.51
HSL	127°, 28%, 38%
HSV	127°, 44%, 49%
XYZ	10.9319, 16.1886, 9.2052
YIQ	101.9690, -17.0510, -26.8990

Conversions

Conversions Part 2

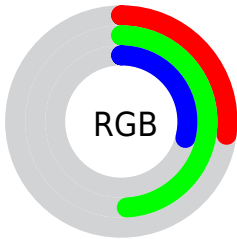
Format	Color
R_{YB}	69, 119, 124
Decimal	4553803
CIE _{Lab}	47.22, -29.35, 21.22
CIE _{LCh}	47, 36.217, 144.125
Yxy	16.1892, 0.3009, 0.4457
Android (android.graphics.Color)	4282743883 (0xFF457C4B)
YUV	101.9690, -13.2957, -28.9138
Hunter-Lab	40.2350, -21.9125, 14.5998

Details

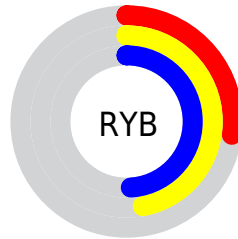
The HunterLab color $40.2350, -21.9125, 14.5998$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $31.3841, 23.0593, -12.6380$, and the grayscale version is $36.4933, -1.9472, 1.9828$.

A 20% lighter version of the original color is $60.7393, -26.6350, 18.3472$, and $22.6063, -16.5498, 10.4187$ is the 20% darker color. If you saturate the color by 10%, you get $39.5522, -25.0035, 16.6733$, and if you desaturate by 10%, it is $41.0557, -18.2943, 12.2488$.

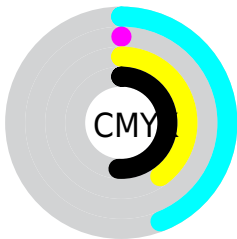
Distribution



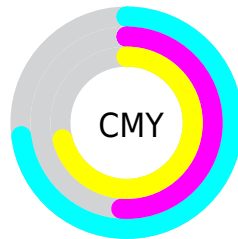
- Red (27%)
- Green (49%)
- Blue (29%)



- Red (27%)
- Yellow (47%)
- Blue (49%)



- Cyan (44%)
- Magenta (0%)
- Yellow (40%)
- Black (51%)



- Cyan (73%)
- Magenta (51%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2350, -21.9125, 14.5998 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 40.2350, -21.9125, 14.5998 by changing the saturation by 10% instead.

40.2350, -21.9125,
14.5998

40.2350, -21.9125,
14.5998

151.8077,
-40.9382, 30.0366

31.0776, -19.4164,
12.6410

60.7671, -26.5349,
18.2675

22.7440, -16.7281,
10.5494

72.0426, -28.7196,
20.0196

15.3267, -13.7530,
8.4381

83.9402, -30.8452,
21.7359

8.9415, -14.7790,
6.2590

96.4291, -32.9244,
23.4256

0.0000, NaN, NaN

0.0000, NaN, NaN

109.4824,
-34.9667, 25.0958

0.0000, NaN, NaN

123.0767,

0.0000, NaN, NaN

-36.9793, 26.7517

0.0000, NaN, NaN

137.1913,
-38.9683, 28.3975

■ 40.2350, -21.9125,
14.5998

■ 40.2350, -21.9125,
14.5998

■ 39.5522, -25.0035,
16.6733

■ 41.0557, -18.2943,
12.2488

■ 39.0027, -27.5422,
18.4480

■ 42.0119, -14.1828,
9.6456

■ 38.5824, -29.5227,
19.9115

■ 43.1025, -9.6234,
6.8204

■ 38.2837, -30.9583,
21.0607

■ 44.3241, -4.6660,
3.8045

■ 38.0931, -31.8945,
21.9013

■ 45.6722, 0.6375,
0.6292

■ 38.0084, -32.3063,
22.2328

■ 47.1415, 6.2364,
-2.6760

■ 48.7259, 12.0828,
-6.0842

■ 50.4193, 18.1335,
-9.5714

■ 52.2154, 24.3499,
-13.1173

Harmonies

Analogous

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



40.2358, -12.6801, 19.3785



40.2350, -21.9125, 14.5998



40.2358, -25.8015, 4.7511

Triad

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



40.2358, -21.9132, 14.6001



40.2358, -4.8972, -33.0145



40.2358, 25.8253, 11.4004

Complementary

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



40.2350, -21.9125, 14.5998



31.3841, 23.0593, -12.6380

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.



40.2358, 28.6619, -0.5511



40.2350, -21.9125, 14.5998



40.2358, 9.5906, -29.3286

Square

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



40.2358, -21.9132, 14.6001



40.2358, -16.8887, -24.9440



40.2358, 22.3650, -16.1282



40.2358, 15.0750, 18.0281

Rectangle

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



40.2350, -21.9125, 14.5998



40.2358, -25.2875, -4.6544



40.2358, 22.3650, -16.1282



40.2358, 27.7929, 8.0100

Sweetspot

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



40.2358, -21.9132, 14.6001



57.3385, -12.1006, 8.6397



43.2810, -10.4893, 18.7731



27.6854, -6.4526, 4.5489



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



40.2358, -21.9132, 14.6001



52.4753, -33.1312, 22.0926



40.7928, -18.6129, 6.5395



21.1103, -3.3993, 2.5312



38.3214, -32.5744, 22.4204



83.6573, -71.3876, 49.5410

Inverse Universe

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



31.3841, 23.0593, -12.6380



38.5848, 37.9221, -20.7857



30.4909, 18.8181, -0.1287



20.1751, 1.2919, -0.3266



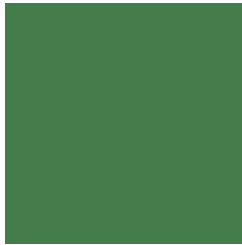
23.4753, 45.1208, -22.9591



51.1964, 98.2834, -49.1501

Previews

White Background



This preview shows how the HunterLab color 40.2350, -21.9125, 14.5998 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 40.2350, -21.9125, 14.5998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

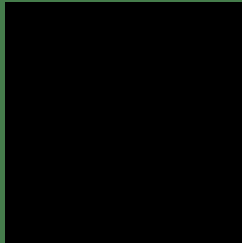
Any Text WCAG AA × Fail

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 40.2350, -21.9125, 14.5998 Background



This preview shows how black text looks on a background with the HunterLab color 40.2350, -21.9125, 14.5998.



This preview shows how white text looks on a background with the HunterLab color 40.2350,

-21.9125, 14.5998.

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

40.2350, -21.9125, 14.5998

Protanopia

39.8447, -3.9855, 15.8602

Deuteranopia

40.0830, 2.6293, 13.8033



Tritanopia

40.2426, -10.0229, -4.9604

Trichromacy



Original Color

40.2350, -21.9125, 14.5998

Protanomaly

39.7284, -11.5892, 15.1279

Deuteranomaly

39.5921, -7.4718, 13.4719

Tritanomaly

40.0651, -14.8523, 3.4329

Monochromacy



Original Color

40.2350, -21.9125, 14.5998

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

37.5476, -9.9721, 6.9737

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2350, -21.9125, 14.5998 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(69, 124, 75)` looks like.

```
.text, #text, p{  
    color:rgb(69, 124, 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(69, 124, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 124, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2350, -21.9125, 14.5998 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(69, 124, 75) }
```


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

```
.border{ border-color:rgb(69, 124, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 124, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 124, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 124, 75);  
box-shadow:4px 4px 4px 4px rgb(69, 124,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2350, -21.9125, 14.5998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 124, 75) }
```

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

```
.background{ background-color: rgb(69, 124,  
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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