

Converting Colors

HunterLab(40.9615, -21.5271,
9.7041)

Have a look what the booklet for
HunterLab(40.9615, -21.5271,
9.7041) contains.

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Color

**HunterLab(40.9715,
-21.4625, 9.5463)**

Conversions

Conversions Part 1

Format	Color
Hex	3F7E5E
RGB	63, 126, 94
RGB Percent	25%, 49%, 37%
CMY	0.7529, 0.5059, 0.6314
CMYK	0.50, 0.00, 0.25, 0.51
HSL	150°, 33%, 37%
HSV	150°, 50%, 49%
XYZ	11.5312, 16.7866, 13.2221
YIQ	103.5150, -27.2760, -23.3080

Conversions

Conversions Part 2

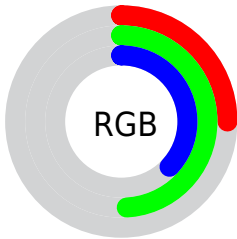
Format	Color
R _{YB}	63, 105, 126
Decimal	4161118
CIE _{Lab}	47.99, -28.30, 11.29
CIE _{LCh}	48, 30.466, 158.252
Y _{xy}	16.7873, 0.2776, 0.4041
Android (android.graphics.Color)	4282351198 (0xFF3F7E5E)
YUV	103.5150, -4.6909, -35.5317
Hunter-Lab	40.9715, -21.4625, 9.5463

Details

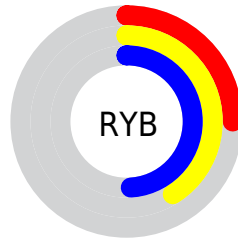
The HunterLab color $40.9715, -21.4625, 9.5463$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $29.6939, 22.8638, -2.9211$, and the grayscale version is $37.0483, -1.9768, 2.0129$.

A 20% lighter version of the original color is $61.5619, -25.8961, 12.0690$, and $23.2553, -16.3802, 6.9138$ is the 20% darker color. If you saturate the color by 10%, you get $40.3840, -24.0783, 11.0350$, and if you desaturate by 10%, it is $41.6779, -18.4163, 8.0626$.

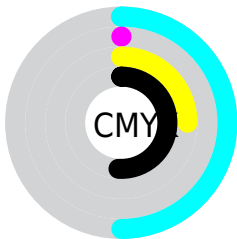
Distribution



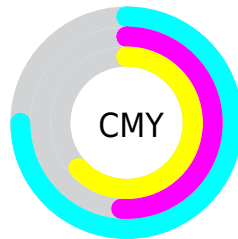
- Red (25%)
- Green (49%)
- Blue (37%)



- Red (25%)
- Yellow (41%)
- Blue (49%)



- Cyan (50%)
- Magenta (0%)
- Yellow (25%)
- Black (51%)



- Cyan (75%)
- Magenta (51%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9715, -21.4625, 9.5463 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 40.9715, -21.4625, 9.5463 by changing the saturation by 10% instead.

40.9715, -21.4625,
9.5463

40.9715, -21.4625,
9.5463

152.9522,
-39.9632, 20.3922

31.7537, -19.0551,
8.3182

61.6115, -25.9357,
11.9489

23.3538, -16.4706,
7.0506

72.9360, -28.0557,
13.1402

15.8620, -13.6223,
5.7140

84.8802, -30.1215,
14.3321

9.4056, -13.6121,
5.4869

97.4134, -32.1447,
15.5280

0.0000, NaN, NaN

0.0000, NaN, NaN

110.5091,
-34.1343, 16.7304

0.0000, NaN, NaN

124.1441,

0.0000, NaN, NaN

-36.0971, 17.9410

0.0000, NaN, NaN

138.2979,
-38.0387, 19.1613

■ 40.9715, -21.4625,
9.5463

■ 40.9715, -21.4625,
9.5463

■ 40.3840, -24.0783,
11.0350

■ 41.6779, -18.4163,
8.0626

■ 39.9096, -26.2520,
12.5089

■ 42.5021, -14.9590,
6.5997

■ 39.5434, -27.9870,
13.9494

■ 43.4447, -11.1199,
5.1735

■ 39.2774, -29.3022,
15.3372

■ 44.5042, -6.9335,
3.7972

■ 39.0770, -30.3311,
16.6333

■ 45.6778, -2.4371,
2.4817

■ 39.0770, -30.3311,
16.6333

■ 46.9619, 2.3307,
1.2353

■ 48.3523, 7.3325,
0.0637

■ 49.8443, 12.5326,
-1.0291

■ 51.4331, 17.8984,
-2.0416

Harmonies

Analogous

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



40.9723, -15.4962, 15.9757



40.9715, -21.4625, 9.5463



40.9723, -22.5829, -1.0409

Triad

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



40.9723, -21.4630, 9.5467



40.9723, 1.1703, -25.9202



40.9723, 17.5145, 13.6091

Complementary

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



40.9715, -21.4625, 9.5463



29.6939, 22.8638, -2.9211

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.



40.9723, 23.1897, 5.2521



40.9715, -21.4625, 9.5463



40.9723, 13.0699, -18.9779

Square

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



40.9723, -21.4630, 9.5467



40.9723, -10.3786, -23.7879



40.9723, 21.4761, -6.7476



40.9723, 6.7004, 17.8086

Rectangle

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



40.9715, -21.4625, 9.5463



40.9723, -20.5683, -9.5564



40.9723, 21.4761, -6.7476



40.9723, 20.1399, 11.3055

Sweetspot

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



40.9723, -21.4630, 9.5467



58.2727, -12.2249, 6.0056



42.1234, -18.0545, 19.0207



27.6783, -6.2817, 3.0148



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.



40.9723, -21.4630, 9.5467



53.4804, -32.3845, 14.9160



41.7835, -16.6886, -2.0539



22.0256, -3.2319, 1.8159



39.5780, -30.7274, 16.8627

0.0000, NaN, NaN

Inverse Universe

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



29.6939, 22.8638, -2.9211



35.8590, 37.5360, -4.0736



28.9167, 19.2053, 8.1935



20.9233, 1.0217, 0.5547



22.2023, 39.7287, 1.1174

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.9715, -21.4625, 9.5463 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 40.9715, -21.4625, 9.5463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

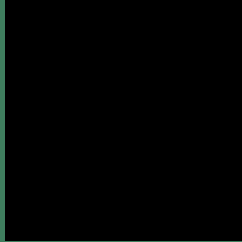
Any Text WCAG AA × Fail

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 40.9715, -21.4625, 9.5463 Background



This preview shows how black text looks on a background with the HunterLab color 40.9715, -21.4625, 9.5463.



This preview shows how white text looks on a background with the HunterLab color 40.9715,

-21.4625, 9.5463.

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

40.9715, -21.4625, 9.5463

Protanopia

40.7183, -3.0816, 11.5930

Deuteranopia

40.7001, 2.8026, 8.2950



Tritanopia

40.9022, -11.8707, -6.1300

Trichromacy



Original Color

40.9715, -21.4625, 9.5463

Protanomaly

40.5023, -11.0324, 10.6044

Deuteranomaly

40.2352, -7.2714, 8.0003

Tritanomaly

40.9135, -15.7224, 0.0976

Monochromacy



Original Color

40.9715, -21.4625, 9.5463

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

38.2522, -9.9447, 4.7093

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9715, -21.4625, 9.5463 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(63, 126, 94)` looks like.

```
.text, #text, p{  
    color:rgb(63, 126, 94)  
}
```

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(63, 126, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 126, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9715, -21.4625, 9.5463 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(63, 126, 94) }
```


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

```
.border{ border-color:rgb(63, 126, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 126, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 126, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 126, 94);  
box-shadow:4px 4px 4px 4px rgb(63, 126,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9715, -21.4625, 9.5463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 126, 94) }
```

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

```
.background{ background-color: rgb(63, 126,  
94) }
```

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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