

Converting Colors

HunterLab(39.9409, -14.1921,
6.4656)

Have a look what the booklet for
HunterLab(39.9409, -14.1921,
6.4656) contains.

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Color

**HunterLab(39.9409,
-14.1921, 6.4656)**

Conversions

Conversions Part 1

Format	Color
Hex	537764
RGB	83, 119, 100
RGB Percent	33%, 47%, 39%
CMY	0.6745, 0.5333, 0.6078
CMYK	0.30, 0.00, 0.16, 0.53
HSL	148°, 18%, 40%
HSV	148°, 30%, 47%
XYZ	12.4644, 15.9528, 14.4788
YIQ	106.0700, -15.3570, -13.5410

Conversions

Conversions Part 2

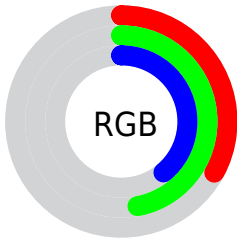
Format	Color
RYB	83, 107, 119
Decimal	5470052
CIELab	46.91, -17.15, 6.39
CIELCh	47, 18.299, 159.571
Yxy	15.9534, 0.2906, 0.3719
Android (android.graphics.Color)	4283660132 (0xFF537764)
YUV	106.0700, -2.9925, -20.2324
Hunter-Lab	39.9409, -14.1921, 6.4656

Details

The HunterLab color $39.9409, -14.1921, 6.4656$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $33.2688, 12.0652, -1.6921$, and the grayscale version is $38.0067, -2.0279, 2.0650$.

A 20% lighter version of the original color is $60.2883, -17.2091, 8.0547$, and $22.3885, -10.7939, 4.6870$ is the 20% darker color. If you saturate the color by 10%, you get $39.1673, -17.4506, 7.8985$, and if you desaturate by 10%, it is $40.8269, -10.5767, 5.0582$.

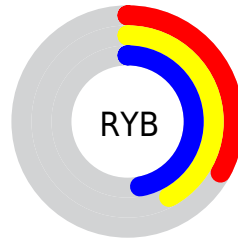
Distribution



Red (33%)

Green (47%)

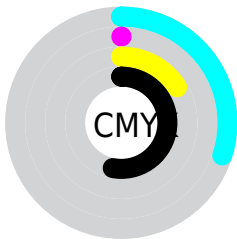
Blue (39%)



Red (33%)

Yellow (42%)

Blue (47%)

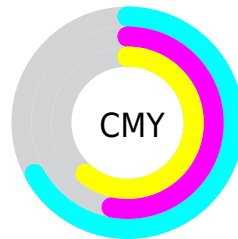


Cyan (30%)

Magenta (0%)

Yellow (16%)

Black (53%)



Cyan (67%)

Magenta (53%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.9409, -14.1921, 6.4656 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 39.9409, -14.1921, 6.4656 by changing the saturation by 10% instead.

■ 39.9409, -14.1921,
6.4656

■ 39.9409, -14.1921,
6.4656

151.3495,
-27.6083, 15.1689

■ 30.8078, -12.5706,
5.5686

■ 60.4296, -17.2885,
8.2882

■ 22.5010, -10.8650,
4.6713

■ 71.6853, -18.7917,
9.2196

■ 15.1137, -9.0267,
3.7603

■ 83.5642, -20.2774,
10.1671

■ 8.7484, -9.0084,
3.5025

■ 96.0353, -21.7515,
11.1316

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.0715,
-23.2186, 12.1137

0.0000, NaN, NaN

122.6495,

0.0000, NaN, NaN

-24.6821, 13.1138

0.0000, NaN, NaN

136.7483,
-26.1446, 14.1322

■ 39.9409, -14.1921,
6.4656

■ 39.9409, -14.1921,
6.4656

■ 39.1673, -17.4506,
7.8985

■ 40.8269, -10.5767,
5.0582

■ 38.5039, -20.3231,
9.3403

■ 41.8213, -6.6348,
3.6880

■ 37.9502, -22.7903,
10.7752

■ 42.9223, -2.4022,
2.3663

■ 37.5032, -24.8424,
12.1855

■ 44.1267, 2.0850,
1.1019

■ 37.1578, -26.4816,
13.5536

■ 45.4305, 6.7915,
-0.0990

■ 36.9064, -27.7249,
14.8615

■ 46.8292, 11.6841,
-1.2319

■ 36.7174, -28.6906,
16.0412

■ 48.3183, 16.7322,
-2.2944

■ 49.8932, 21.9084,
-3.2858

■ 51.5490, 27.1889,
-4.2063

Harmonies

Analogous

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



39.9417, -10.5019, 10.9818



39.9409, -14.1921, 6.4656



39.9417, -14.7802, -0.0570

Triad

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



39.9417, -14.1927, 6.4661



39.9417, 0.1732, -12.9530



39.9417, 9.0005, 9.6258

Complementary

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



39.9409, -14.1921, 6.4656



33.2688, 12.0652, -1.6921

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.



39.9417, 12.3137, 4.2836



39.9409, -14.1921, 6.4656



39.9417, 6.9865, -9.2497

Square

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



39.9417, -14.1927, 6.4661



39.9417, -6.8097, -12.0897



39.9417, 11.5519, -2.6542



39.9417, 2.7685, 12.5716

Rectangle

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



39.9409, -14.1921, 6.4656



39.9417, -13.3779, -4.8168



39.9417, 11.5519, -2.6542



39.9417, 10.5117, 8.0928

Sweetspot

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



39.9417, -14.1927, 6.4661



56.1075, -8.3153, 4.7508



40.8110, -11.6690, 13.0539



27.2308, -4.3729, 2.4192



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



39.9417, -14.1927, 6.4661



52.7411, -21.9519, 9.9270



40.4186, -11.4537, -0.3466



20.3084, -2.9668, 1.7052



37.8430, -29.5879, 16.5713



83.4369, -65.9502, 38.0787

Inverse Universe

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



33.2688, 12.0652, -1.6921



41.9995, 20.4580, -3.1340



32.7903, 9.6263, 5.1331



19.3136, 0.9257, 0.4786



21.3164, 38.2738, 0.0626



46.8707, 83.8157, 2.7819

Previews

White Background



This preview shows how the HunterLab color 39.9409, -14.1921, 6.4656 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 39.9409, -14.1921, 6.4656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

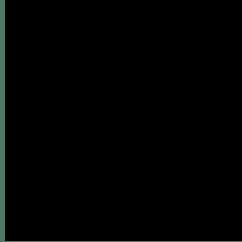
Any Text WCAG AA × Fail

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 39.9409, -14.1921, 6.4656 Background



This preview shows how black text looks on a background with the HunterLab color 39.9409, -14.1921, 6.4656.



This preview shows how white text looks on a background with the HunterLab color 39.9409,

-14.1921, 6.4656.

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

39.9409, -14.1921, 6.4656

Protanopia

39.9079, -2.7548, 8.1019

Deuteranopia

39.8179, 2.7774, 5.4770



Tritanopia

40.0577, -7.8425, -4.1712

Trichromacy



Original Color

39.9409, -14.1921, 6.4656

Protanomaly

39.8004, -7.3832, 7.5484

Deuteranomaly

39.5515, -3.7158, 5.4626

Tritanomaly

39.9524, -10.2651, -0.0816

Monochromacy



Original Color

39.9409, -14.1921, 6.4656

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.6847, -6.6974, 3.6474

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.9409, -14.1921, 6.4656 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(83, 119, 100)` looks like.

```
.text, #text, p{  
    color:rgb(83, 119, 100)  
}
```

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(83, 119, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 119, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 39.9409, -14.1921, 6.4656 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(83, 119, 100) }
```


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

```
.border{ border-color:rgb(83, 119, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 119, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 119, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 119, 100);  
box-shadow:4px 4px 4px 4px rgb(83, 119,  
100) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.9409, -14.1921, 6.4656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 119, 100) }
```

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

```
.background{ background-color: rgb(83, 119,  
100) }
```

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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