

Converting Colors

HunterLab(48.9397, -3.2415,
13.4351)

Have a look what the booklet for
HunterLab(48.9397, -3.2415,
13.4351) contains.

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Color

**HunterLab(49.0103, -3.3540,
13.6455)**

Conversions

Conversions Part 1

Format	Color
Hex	90866A
RGB	144, 134, 106
RGB Percent	56%, 53%, 42%
CMY	0.4353, 0.4745, 0.5843
CMYK	0.00, 0.07, 0.26, 0.44
HSL	44°, 15%, 49%
HSV	44°, 26%, 56%
XYZ	22.6282, 24.0201, 17.0794
YIQ	133.7980, 14.9480, -6.5880

Conversions

Conversions Part 2

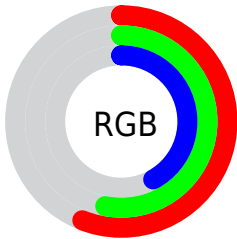
Format	Color
R_{YB}	120, 144, 106
Decimal	9471594
CIE Lab	56.11, -0.92, 16.46
CIE LCh	56, 16.489, 93.205
Yxy	24.0212, 0.3551, 0.3769
Android (android.graphics.Color)	4287661674 (0xFF90866A)
YUV	133.7980, -13.7044, 8.9472
Hunter-Lab	49.0103, -3.3540, 13.6455

Details

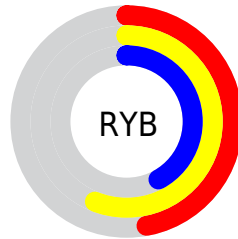
The HunterLab color $49.0103, -3.3540, 13.6455$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $41.9143, -0.0020, -11.4965$, and the grayscale version is $48.7953, -2.6036, 2.6511$.

A 20% lighter version of the original color is $70.6971, -4.6859, 16.7297$, and $30.2323, -2.4124, 10.4722$ is the 20% darker color. If you saturate the color by 10%, you get $47.6631, -3.1643, 16.8326$, and if you desaturate by 10%, it is $50.4108, -3.3260, 9.9550$.

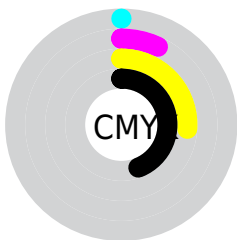
Distribution



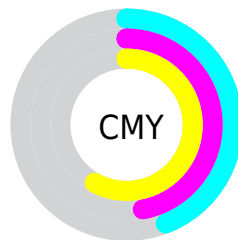
- Red (56%)
- Green (53%)
- Blue (42%)



- Red (47%)
- Yellow (56%)
- Blue (42%)



- Cyan (0%)
- Magenta (7%)
- Yellow (26%)
- Black (44%)



- Cyan (44%)
- Magenta (47%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0103, -3.3540, 13.6455 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 49.0103, -3.3540, 13.6455 by changing the saturation by 10% instead.

■ 49.0103, -3.3540,
13.6455

■ 49.0103, -3.3540,
13.6455

165.2052, -9.9318,
26.7502

■ 39.1782, -2.7769,
12.0963

■ 70.7565, -4.6135,
16.6355

■ 30.1080, -2.2346,
10.4854

■ 82.5865, -5.2897,
18.0974

■ 21.8713, -1.7308,
8.7822

■ 95.0110, -5.9955,
19.5471

■ 14.5631, -1.2683,
6.9746

■ 108.0027, -6.7298,
20.9896

■ 8.2238, -0.9278,
5.7566

121.5379, -7.4914,
22.4286

0.0000, NaN, NaN

0.0000, NaN, NaN

135.5955, -8.2795,

23.8669

0.0000, NaN, NaN

150.1569, -9.0932,
25.3069

0.0000, NaN, NaN

■ 49.0103, -3.3540,
13.6455

■ 49.0103, -3.3540,
13.6455

■ 47.6631, -3.1643,
16.8326

■ 50.4108, -3.3260,
9.9550

■ 46.3672, -2.7477,
19.4975

■ 51.8597, -3.0822,
5.7797

■ 45.1248, -2.1032,
21.6283

■ 53.3566, -2.6319,
1.1426

■ 43.9366, -1.2316,
23.2196

■ 54.8997, -1.9834,
-3.9329

■ 42.8025, -0.1379,
24.2759

■ 56.4873, -1.1459,
-9.4229

■ 41.7220, 1.1674,
24.8151

■ 58.1177, -0.1286,
-15.3037

■ 40.6912, 2.6564,
24.9026

■ 59.7891, 1.0592,
-21.5522

■ 40.3258, 3.2091,
24.9047

■ 61.4999, 2.4084,
-28.1461

■ 63.2485, 3.9101,
-35.0641

Harmonies

Analogous

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



49.0114, 3.4918, 12.6272



49.0103, -3.3540, 13.6455



49.0114, -9.6566, 12.0755

Triad

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



49.0114, -3.3555, 13.6461



49.0114, -13.2064, -4.7393



49.0114, 9.7633, -3.3533

Complementary

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



49.0103, -3.3540, 13.6455



41.9143, -0.0020, -11.4965

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.



49.0114, 4.8422, -9.0776



49.0103, -3.3540, 13.6455



49.0114, -8.4419, -9.9522

Square

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



49.0114, -3.3555, 13.6461



49.0114, -15.1433, 1.9587



49.0114, -1.8756, -11.6393



49.0114, 11.3076, 3.3665

Rectangle

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



49.0103, -3.3540, 13.6455



49.0114, -12.7714, 9.6249



49.0114, -1.8756, -11.6393



49.0114, 8.4363, -5.4871

Sweetspot

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



49.0114, -3.3555, 13.6461



68.5268, -4.1712, 8.7063



41.8350, 11.3387, 2.5020



32.6867, -2.0238, 4.5489



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



49.0114, -3.3555, 13.6461



63.9600, -4.3319, 20.8555



51.1363, -10.6410, 15.5134



24.5939, -1.5158, 3.3410



37.6834, 2.9009, 23.2711



4.1442, -0.4923, 2.5450

Inverse Universe

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



41.9143, -0.0020, -11.4965



52.3954, 1.2443, -20.3542



39.9472, 7.1322, -14.4216



23.3911, -0.9640, -0.8847



17.2871, 21.3883, -67.7786



2.4587, 0.3259, -3.7766

Previews

White Background



This preview shows how the HunterLab color 49.0103, -3.3540, 13.6455 looks on a white 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

Black Background



This preview shows how the HunterLab color 49.0103, -3.3540, 13.6455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

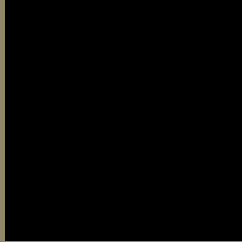
Any Text WCAG AA ✓ Pass

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 49.0103, -3.3540, 13.6455 Background



This preview shows how black text looks on a background with the HunterLab color 49.0103, -3.3540, 13.6455.



This preview shows how white text looks on a background with the HunterLab color 49.0103, -3.3540,

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

49.0103, -3.3540, 13.6455

Protanopia

48.9188, -3.6741, 13.5526

Deuteranopia

48.9185, 3.4584, 13.3448



Tritanopia

48.8773, 5.0222, 0.1092

Trichromacy



Original Color

49.0103, -3.3540, 13.6455

Protanomaly

48.9188, -3.6741, 13.5526

Deuteranomaly

48.9587, 0.8002, 13.3369

Tritanomaly

48.9838, 1.9005, 5.4980

Monochromacy



Original Color

49.0103, -3.3540, 13.6455

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

48.8965, -2.9040, 6.9569

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0103, -3.3540, 13.6455 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(144, 134, 106)` looks like.

```
.text, #text, p{  
    color:rgb(144, 134, 106)  
}
```

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(144, 134, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 134, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0103, -3.3540, 13.6455 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(144, 134, 106) }
```


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

```
.border{ border-color:rgb(144, 134, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 134, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 134, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 134, 106);  
box-shadow:4px 4px 4px 4px rgb(144, 134,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0103, -3.3540, 13.6455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 134, 106) }
```

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

```
.background{ background-color: rgb(144,  
134, 106) }
```

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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