

Converting Colors

HunterLab(51.2334, -38.9342,
24.1612)

Have a look what the booklet for
HunterLab(51.2334, -38.9342,
24.1612) contains.

HunterLab(51.2904, -39.0243, 24.2236)	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(51.2904,
-39.0243, 24.2236)**

Conversions

Conversions Part 1

Format	Color
Hex	24A146
RGB	36, 161, 70
RGB Percent	14%, 63%, 27%
CMY	0.8588, 0.3686, 0.7255
CMYK	0.78, 0.00, 0.57, 0.37
HSL	136°, 63%, 39%
HSV	136°, 78%, 63%
XYZ	14.5779, 26.3071, 10.1038
YIQ	113.2510, -45.2890, -54.8010

Conversions

Conversions Part 2

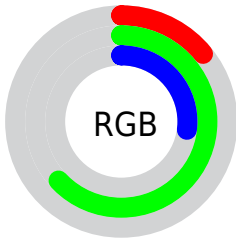
Format	Color
R_{YB}	36, 134, 161
Decimal	2400582
CIE Lab	58.33, -52.73, 37.60
CIE LCh	58, 64.768, 144.508
Yxy	26.3081, 0.2859, 0.5159
Android (android.graphics.Color)	4280590662 (0xFF24A146)
YUV	113.2510, -21.3227, -67.7491
Hunter-Lab	51.2904, -39.0243, 24.2236

Details

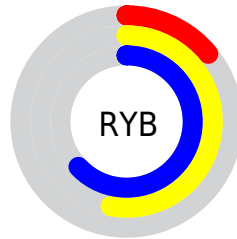
The HunterLab color **51.2904, -39.0243, 24.2236** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **32.2049, 49.8402, -16.2492**, and the grayscale version is **40.8256, -2.1784, 2.2181**.

A 20% lighter version of the original color is **73.3696, -46.3025, 29.7815**, and **32.8263, -27.5992, 18.5489** is the 20% darker color. If you saturate the color by 10%, you get **50.9381, -40.7731, 25.9708**, and if you desaturate by 10%, it is **51.7963, -36.6096, 22.2012**.

Distribution



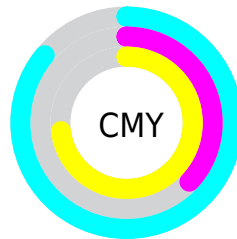
- Red (14%)
- Green (63%)
- Blue (27%)



- Red (14%)
- Yellow (53%)
- Blue (63%)



- Cyan (78%)
- Magenta (0%)
- Yellow (57%)
- Black (37%)



- Cyan (86%)
- Magenta (37%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2904, -39.0243, 24.2236 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 51.2904, -39.0243, 24.2236 by changing the saturation by 10% instead.

■ 51.2904, -39.0243,
24.2236

■ 51.2904, -39.0243,
24.2236

168.6094,
-68.2588, 47.0206

■ 41.2968, -35.0602,
21.2099

■ 73.3291, -46.3169,
29.8210

■ 32.0519, -30.7970,
17.9993

■ 85.2936, -49.7276,
32.4599

■ 23.6230, -26.1299,
14.5642

■ 97.8462, -53.0192,
35.0187

■ 16.0988, -21.0629,
11.2691

■ 110.9605,
-56.2116, 37.5118

■ 9.6047, -16.8082,
6.7233

■ 124.6134,
-59.3204, 39.9503

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 138.7844,

-62.3581, 42.3432

0.0000, NaN, NaN

153.4552,
-65.3348, 44.6980

0.0000, NaN, NaN

■ 51.2904, -39.0243,
24.2236

■ 51.2904, -39.0243,
24.2236

■ 50.9381, -40.7731,
25.9708

■ 51.7963, -36.6096,
22.2012

■ 50.7120, -41.9412,
27.4240

■ 52.4645, -33.5010,
19.9217

■ 50.6667, -42.1762,
27.7175

■ 53.3038, -29.6993,
17.4105

■ 54.3183, -25.2265,
14.6973

■ 55.5094, -20.1220,
11.8149

■ 56.8755, -14.4380,
8.7970

■ 58.4133, -8.2347,
5.6768

■ 60.1175, -1.5759,
2.4854

■ 61.9818, 5.4746,
-0.7495

Harmonies

Analogous

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



51.2915, -22.8474, 30.6862



51.2904, -39.0243, 24.2236



51.2915, -45.4111, 7.3684

Triad

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



51.2915, -39.0249, 24.2239



51.2915, -7.6937, -76.5393



51.2915, 54.6569, 19.5567

Complementary

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



51.2904, -39.0243, 24.2236



32.2049, 49.8402, -16.2492

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.



51.2915, 61.0751, -2.2494



51.2904, -39.0243, 24.2236



51.2915, 21.0401, -67.1172

Square

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



51.2915, -39.0249, 24.2239



51.2915, -29.9253, -57.2119



51.2915, 47.6915, -35.7462



51.2915, 31.6392, 29.1550

Rectangle

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



51.2904, -39.0243, 24.2236



51.2915, -44.4856, -11.4444



51.2915, 47.6915, -35.7462



51.2915, 59.0060, 13.8436

Sweetspot

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



51.2915, -39.0249, 24.2239



75.0248, -23.8173, 14.1312



54.9379, -24.9328, 31.6146



34.8525, -12.3382, 7.2559



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



51.2915, -39.0249, 24.2239



67.9413, -55.7238, 36.1821



52.4665, -31.8476, 7.1697



28.1518, -4.4943, 2.9984



45.2858, -37.6495, 24.6713



6.6212, -5.1040, 2.7421

Inverse Universe

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



32.2049, 49.8402, -16.2492



40.3839, 73.0099, -20.1481



30.3691, 42.5927, 9.6454



26.7752, 1.6877, -0.0128



26.6239, 49.4881, -12.9810



3.9522, 7.5032, -3.1427

Previews

White Background



This preview shows how the HunterLab color 51.2904, -39.0243, 24.2236 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 51.2904, -39.0243, 24.2236 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 51.2904, -39.0243, 24.2236 Background



This preview shows how black text looks on a background with the HunterLab color 51.2904, -39.0243, 24.2236.



This preview shows how white text looks on a background with the HunterLab color 51.2904,

-39.0243, 24.2236.

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

51.2904, -39.0243, 24.2236

Protanopia

50.6894, -6.1065, 25.6271

Deuteranopia

50.8637, 3.4264, 23.0002



Tritanopia

51.1049, -18.6134, -9.0352

Trichromacy



Original Color

51.2904, -39.0243, 24.2236

Protanomaly

49.6390, -22.2393, 24.0416

Deuteranomaly

49.2117, -17.2850, 22.0015

Tritanomaly

50.9188, -28.0100, 6.7022

Monochromacy



Original Color

51.2904, -39.0243, 24.2236

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

43.3124, -18.5668, 10.8827

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2904, -39.0243, 24.2236 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(36, 161, 70)` looks like.

```
.text, #text, p{  
    color:rgb(36, 161, 70)  
}
```

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(36, 161, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 161, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2904, -39.0243, 24.2236 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(36, 161, 70) }
```


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

```
.border{ border-color:rgb(36, 161, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 161, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 161, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 161, 70);  
box-shadow:4px 4px 4px 4px rgb(36, 161,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2904, -39.0243, 24.2236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 161, 70) }
```

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

```
.background{ background-color: rgb(36, 161,  
70) }
```

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