

Converting Colors

HunterLab(49.6919, 92.5429,
-55.3387)

Have a look what the booklet for
HunterLab(49.6919, 92.5429,
-55.3387) contains.

HunterLab(49.6900, 92.5469, -55.3404)	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(49.6900, 92.5469,
-55.3404)**

Conversions

Conversions Part 1

Format	Color
Hex	EF1AE4
RGB	239, 26, 228
RGB Percent	94%, 10%, 89%
CMY	0.0627, 0.8980, 0.1059
CMYK	0.00, 0.89, 0.05, 0.06
HSL	303°, 87%, 52%
HSV	303°, 89%, 94%
XYZ	49.9696, 24.6910, 75.5310
YIQ	112.7150, 62.1060, 107.9780

Conversions

Conversions Part 2

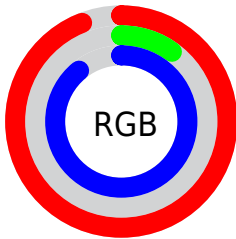
Format	Color
R _Y B	239, 26, 228
Decimal	15669988
CIE Lab	56.77, 89.87, -51.57
CIE LCh	57, 103.613, 330.149
Yxy	24.6921, 0.3327, 0.1644
Android (android.graphics.Color)	4293860068 (0xFFEF1AE4)
YUV	112.7150, 56.8355, 110.7519
Hunter-Lab	49.6900, 92.5469, -55.3404

Details

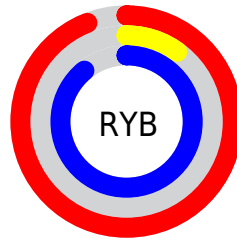
The HunterLab color $49.6900, 92.5469, -55.3404$ is a light color, and the websafe version is hex $FF33FF$. The color can be described as light washed magenta. A complement of this color would be $78.7955, -66.2442, 46.0754$, and the grayscale version is $40.3038, -2.1505, 2.1898$.

A 20% lighter version of the original color is $62.4463, 75.2258, -50.0298$, and $35.2754, 68.8537, -42.6583$ is the 20% darker color. If you saturate the color by 10%, you get $48.9184, 94.8430, -56.0722$, and if you desaturate by 10%, it is $51.2793, 87.4754, -52.7784$.

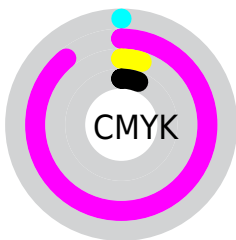
Distribution



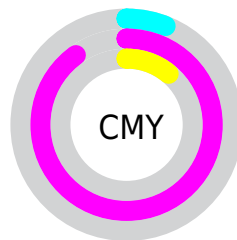
- Red (94%)
- Green (10%)
- Blue (89%)



- Red (94%)
- Yellow (10%)
- Blue (89%)



- Cyan (0%)
- Magenta (89%)
- Yellow (5%)
- Black (6%)



- Cyan (6%)
- Magenta (90%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6900, 92.5469, -55.3404 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 49.6900, 92.5469, -55.3404 by changing the saturation by 10% instead.

49.6900, 92.5469,
-55.3404

49.6900, 92.5469,
-55.3404

166.2231,
113.9590, -61.6483

39.8093, 89.9941,
-54.8579

71.5244, 97.7525,
-56.7167

30.6864, 87.6502,
-54.7147

83.3949, 100.3014,
-57.4773

22.3917, 85.8296,
-55.2583

95.8579, 102.7816,
-58.2395

15.0180, 85.3144,
-57.3266

108.8864,
105.1834, -58.9858

8.6600, 89.0380,
-63.7859

122.4570,
107.5025, -59.7052

0.0000, INF, -NF

136.5487,

0.0000, NaN, -NF

109.7375, -60.3912

0.0000, NaN, NaN

151.1430,
111.8892, -61.0397

■ 49.6900, 92.5469,
-55.3404

■ 49.6900, 92.5469,
-55.3404

■ 48.9184, 94.8430,
-56.0722

■ 51.2793, 87.4754,
-52.7784

■ 48.8652, 94.9937,
-56.1022

■ 53.8185, 79.5562,
-48.2998

■ 57.3094, 69.3403,
-42.2267

■ 61.6903, 57.5764,
-35.0257

■ 66.8671, 44.9624,
-27.1464

72.7364, 32.0243,
-18.9387

79.2004, 19.1009,
-10.6366

86.1726, 6.3813,
-2.3783

93.5802, -6.0476,
5.7649

Harmonies

Analogous

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



49.6912, 46.6506, -126.7668



49.6900, 92.5469, -55.3404



49.6912, 111.5203, 2.9110

Triad

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



49.6912, 92.5440, -55.3380



49.6912, -2.8711, 34.7838



49.6912, -56.2250, -56.0525

Complementary

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



49.6900, 92.5469, -55.3404



78.7955, -66.2442, 46.0754

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.



49.6912, -61.6390, 2.4977



49.6900, 92.5469, -55.3404



49.6912, -38.0368, 34.0923

Square

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



49.6912, 92.5440, -55.3380



49.6912, 46.1398, 34.1148



49.6912, -56.3357, 28.2299



49.6912, -37.7746, -127.3746

Rectangle

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



49.6900, 92.5469, -55.3404



49.6912, 102.6094, 23.0311



49.6912, -56.3357, 28.2299



49.6912, -59.2762, -33.1950

Sweetspot

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



49.6912, 92.5440, -55.3380



79.6455, 31.6519, -18.5832



27.1276, 62.4212, -160.6727



35.7899, 16.8567, -10.0113

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.6912, 92.5440, -55.3380



52.5933, 102.2371, -60.3512



45.2685, 76.4205, 5.1753



40.0206, 3.1868, -1.2476



36.3340, 70.6461, -41.8165



10.5002, 20.4476, -12.3284

Inverse Universe

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



49.6912, 92.5440, -55.3380



52.5933, 102.2371, -60.3512



79.9636, -58.9864, 28.9252



40.0206, 3.1868, -1.2476



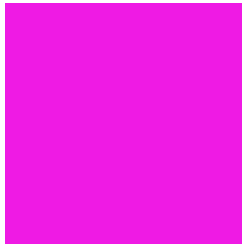
36.3340, 70.6461, -41.8165



10.5002, 20.4476, -12.3284

Previews

White Background



This preview shows how the HunterLab color 49.6900, 92.5469, -55.3404 looks on a white background.

Color Contrast Check

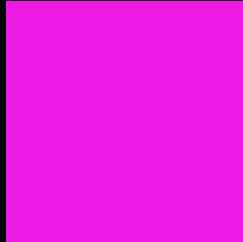
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.6900, 92.5469, -55.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

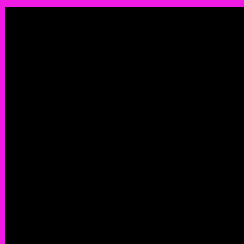
Any Text WCAG AA ✓ Pass

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 49.6900, 92.5469, -55.3404 Background



This preview shows how black text looks on a background with the HunterLab color 49.6900, 92.5469, -55.3404.



This preview shows how white text looks on a background with the HunterLab color 49.6900, 92.5469, -55.3404.

-55.3404.

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

49.6900, 92.5469, -55.3404

Protanopia

50.2963, 14.7715, -80.2741

Deuteranopia

50.2300, 4.2463, -44.8602



Tritanopia

49.7040, 47.3159, 17.6719

Trichromacy



Original Color

49.6900, 92.5469, -55.3404

Protanomaly

44.0718, 43.7494, -88.2929

Deuteranomaly

44.6315, 38.7800, -61.7677

Tritanomaly

48.1326, 64.6011, -2.2076

Monochromacy



Original Color

49.6900, 92.5469, -55.3404

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

39.5251, 35.4103, -21.5422

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6900, 92.5469, -55.3404 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(239, 26, 228)` looks like.

```
.text, #text, p{  
    color:rgb(239, 26, 228)  
}
```

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(239, 26, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 26, 228) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6900, 92.5469, -55.3404 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(239, 26, 228) }
```


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

```
.border{ border-color:rgb(239, 26, 228) }
```

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

Here you see how a box with a 4 pixel rgb(239, 26, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 26, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 26, 228);  
box-shadow:4px 4px 4px 4px rgb(239, 26,  
228) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6900, 92.5469, -55.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 26, 228) }
```

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

```
.background{ background-color: rgb(239, 26,  
228) }
```

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