

Converting Colors

HunterLab(55.1566, 87.4047,
-42.0435)

Have a look what the booklet for
HunterLab(55.1566, 87.4047,
-42.0435) contains.

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Color

**HunterLab(55.1523, 87.3190,
-41.8363)**

Conversions

Conversions Part 1

Format	Color
Hex	FF40E2
RGB	255, 64, 226
RGB Percent	100%, 25%, 89%
CMY	0.0000, 0.7490, 0.1137
CMYK	0.00, 0.75, 0.11, 0.00
HSL	309°, 100%, 63%
HSV	309°, 75%, 100%
XYZ	56.8009, 30.4178, 74.8290
YIQ	139.5770, 61.8340, 90.8740

Conversions

Conversions Part 2

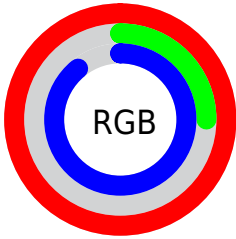
Format	Color
R _Y B	255, 64, 226
Decimal	16728290
CIE Lab	62.01, 84.89, -41.99
CIE LCh	62, 94.706, 333.682
Yxy	30.4191, 0.3505, 0.1877
Android (android.graphics.Color)	4294918370 (0xFFFF40E2)
YUV	139.5770, 42.6065, 101.2260
Hunter-Lab	55.1523, 87.3190, -41.8363

Details

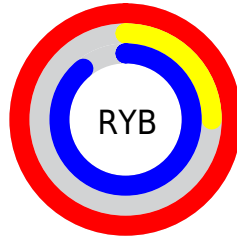
The HunterLab color **55.1523, 87.3190, -41.8363** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **85.6743, -66.9009, 44.4525**, and the grayscale version is **50.8621, -2.7139, 2.7634**.

A 20% lighter version of the original color is **66.6673, 63.4531, -41.9477**, and **37.9099, 72.5774, -34.8476** is the 20% darker color. If you saturate the color by 10%, you get **52.8772, 93.6429, -43.3677**, and if you desaturate by 10%, it is **58.4775, 78.1260, -38.4067**.

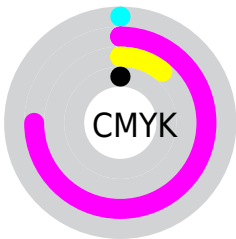
Distribution



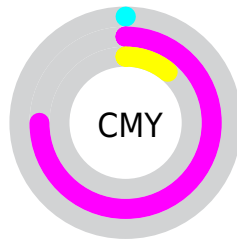
- Red (100%)
- Green (25%)
- Blue (89%)



- Red (100%)
- Yellow (25%)
- Blue (89%)



- Cyan (0%)
- Magenta (75%)
- Yellow (11%)
- Black (0%)



- Cyan (0%)
- Magenta (75%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.1523, 87.3190, -41.8363 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 55.1523, 87.3190, -41.8363 by changing the saturation by 10% instead.

55.1523, 87.3190,
-41.8363

55.1523, 87.3190,
-41.8363

174.3138,
107.3542, -46.8810

44.8964, 84.7796,
-41.1688

77.6687, 92.3131,
-43.2029

35.3683, 82.3148,
-40.5888

89.8533, 94.7143,
-43.8553

26.6297, 80.0943,
-40.2209

102.6157, 97.0338,
-44.4709

18.7599, 78.5200,
-40.3508

115.9311, 99.2677,
-45.0442

11.8680, 78.6819,
-41.7391

129.7772,
101.4153, -45.5725

4.7220, 115.1572,
-63.3045

144.1344,

0.0000, INF, -NF

103.4775, -46.0548

0.0000, NaN, NaN

158.9853,
105.4563, -46.4909

■ 55.1523, 87.3190,
-41.8363

■ 55.1523, 87.3190,
-41.8363

■ 52.8772, 93.6429,
-43.3677

■ 58.4775, 78.1260,
-38.4067

■ 51.5980, 96.7642,
-42.9319

■ 62.8091, 66.8149,
-33.4265

■ 51.2176, 97.4198,
-42.1602

■ 68.0561, 54.1903,
-27.3279

■ 74.1057, 40.9210,
-20.5076

■ 80.8452, 27.4687,
-13.2678

88.1734, 14.1097,
-5.8130

96.0039, 0.9862,
1.7302

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



55.1535, 48.1045, -103.4103



55.1523, 87.3190, -41.8363



55.1535, 100.2044, 7.6164

Triad

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



55.1535, 87.3153, -41.8344



55.1535, -7.9313, 37.6747



55.1535, -54.5212, -57.1131

Complementary

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



55.1523, 87.3190, -41.8363



85.6743, -66.9009, 44.4525

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.



55.1535, -61.7464, -2.0488



55.1523, 87.3190, -41.8363



55.1535, -40.2996, 36.0791

Square

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



55.1535, 87.3153, -41.8344



55.1535, 36.6657, 36.8201



55.1535, -57.4274, 27.0206



55.1535, -33.8035, -115.9060

Rectangle

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



55.1523, 87.3190, -41.8363



55.1535, 89.7376, 25.4725



55.1535, -57.4274, 27.0206



55.1535, -58.2803, -36.5539

Sweetspot

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



55.1535, 87.3153, -41.8344



82.9122, 23.5798, -11.1229



36.3283, 56.1376, -131.0374



37.4634, 12.5927, -6.0748

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.1535, 87.3153, -41.8344



52.1078, 95.6326, -43.3810



51.5392, 73.1434, 8.3951



42.7202, 3.2375, -0.8097



37.0472, 70.5059, -30.8000



11.6130, 22.1868, -10.3181

Inverse Universe

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



55.1535, 87.3153, -41.8344



52.1078, 95.6326, -43.3810



87.3200, -56.7962, 20.4482



42.7202, 3.2375, -0.8097



37.0472, 70.5059, -30.8000



11.6130, 22.1868, -10.3181

Previews

White Background



This preview shows how the HunterLab color 55.1523, 87.3190, -41.8363 looks on a white background.

Color Contrast Check

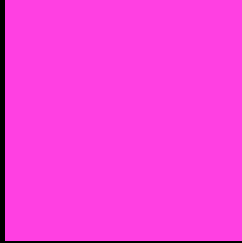
Large Text (above 18pt) WCAG AA × Fail

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 55.1523, 87.3190, -41.8363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

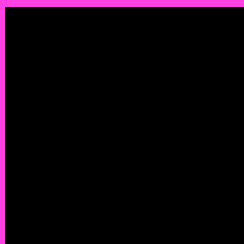
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 55.1523, 87.3190, -41.8363 Background



This preview shows how black text looks on a background with the HunterLab color 55.1523, 87.3190, -41.8363.



This preview shows how white text looks on a background with the HunterLab color 55.1523, 87.3190, -41.8363.

-41.8363.

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

55.1523, 87.3190, -41.8363

Protanopia

55.5988, 11.7412, -66.4236

Deuteranopia

55.4847, 4.2058, -33.7184



Tritanopia

55.0286, 50.0842, 18.5816

Trichromacy



Original Color

55.1523, 87.3190, -41.8363



Protanomaly

51.5008, 37.3898, -66.1435



Deuteranomaly

51.8682, 34.3844, -43.2579



Tritanomaly

54.2228, 63.2352, 1.5655

Monochromacy



Original Color

55.1523, 87.3190, -41.8363



Achromatopsia

51.2104, -2.7325, 2.7824



Achromatomaly

49.4709, 30.4619, -15.1582

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.1523, 87.3190, -41.8363 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(255, 64, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 64, 226)  
}
```

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(255, 64, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 64, 226) }
```

Border

The CSS property to change the border of an element to HunterLab 55.1523, 87.3190, -41.8363 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(255, 64, 226) }
```


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

```
.border{ border-color:rgb(255, 64, 226) }
```

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

Here you see how a box with a 4 pixel rgb(255, 64, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 64, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 64, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 64,  
226) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.1523, 87.3190, -41.8363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 64, 226) }
```

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

```
.background{ background-color: rgb(255, 64,  
226) }
```

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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