

Converting Colors

HunterLab(51.8811, 91.0353,
-74.5557)

Have a look what the booklet for
HunterLab(51.8811, 91.0353,
-74.5557) contains.

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Color

**HunterLab(51.8761, 91.0270,
-74.5693)**

Conversions

Conversions Part 1

Format	Color
Hex	E933FF
RGB	233, 51, 255
RGB Percent	91%, 20%, 100%
CMY	0.0863, 0.8000, 0.0000
CMYK	0.09, 0.80, 0.00, 0.00
HSL	294°, 100%, 60%
HSV	294°, 80%, 100%
XYZ	52.8381, 26.9113, 97.0173
YIQ	128.6740, 42.9880, 102.0280

Conversions

Conversions Part 2

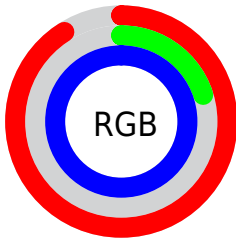
Format	Color
R _{YB}	233, 51, 255
Decimal	15283199
CIE _{Lab}	58.89, 88.31, -63.33
CIE _{LCh}	59, 108.671, 324.356
Yxy	26.9124, 0.2989, 0.1522
Android (android.graphics.Color)	4293473279 (0xFFE933FF)
YUV	128.6740, 62.2787, 91.4939
Hunter-Lab	51.8761, 91.0270, -74.5693

Details

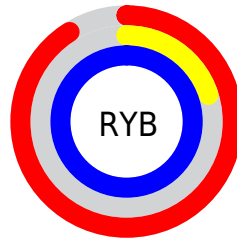
The HunterLab color **51.8761, 91.0270, -74.5693** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **85.5429, -68.0988, 49.3474**, and the grayscale version is **46.4788, -2.4800, 2.5253**.

A 20% lighter version of the original color is **64.7402, 68.6960, -45.5479**, and **35.7797, 72.5403, -64.2155** is the 20% darker color. If you saturate the color by 10%, you get **49.8016, 96.0826, -80.2632**, and if you desaturate by 10%, it is **54.9998, 82.8335, -66.6468**.

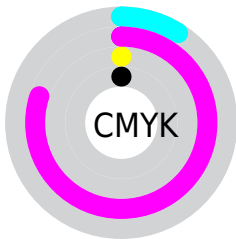
Distribution



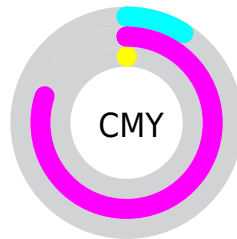
- Red (91%)
- Green (20%)
- Blue (100%)



- Red (91%)
- Yellow (20%)
- Blue (100%)



- Cyan (9%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8761, 91.0270, -74.5693 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 51.8761, 91.0270, -74.5693 by changing the saturation by 10% instead.

51.8761, 91.0270,
-74.5693

51.8761, 91.0270,
-74.5693

169.4795,
111.9977, -81.3838

41.8419, 88.4660,
-74.4479

73.9887, 96.1747,
-75.6754

32.5530, 86.0551,
-74.9352

85.9872, 98.6767,
-76.4361

24.0760, 84.0447,
-76.5636

98.5722, 101.1046,
-77.2543

16.4977, 83.0396,
-80.5612

111.7175,
103.4512, -78.0973

9.9411, 84.7920,
-90.3982

125.4001,
105.7134, -78.9437

0.0000, INF, -NF

0.0000, NaN, -NF

139.5999,

107.8910, -79.7794

0.0000, NaN, -NF

154.2984,
109.9852, -80.5949

■ 51.8761, 91.0270,
-74.5693

■ 51.8761, 91.0270,
-74.5693

■ 49.8016, 96.0826,
-80.2632

■ 54.9998, 82.8335,
-66.6468

■ 48.6137, 98.1027,
-83.7121

■ 59.1512, 72.2082,
-57.1169

■ 48.6133, 98.1032,
-83.7132

■ 64.2461, 60.0145,
-46.6706

■ 70.1704, 47.0049,
-35.8767

■ 76.8067, 33.7122,
-25.1131

■ 84.0488, 20.4603,
-14.5899

■ 91.8058, 7.4191,
-4.3993

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.



51.8772, 39.2105, -148.3554



51.8761, 91.0270, -74.5693



51.8772, 118.6255, -6.1993

Triad

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



51.8772, 91.0249, -74.5663



51.8772, 6.2636, 36.3140



51.8772, -61.4515, -45.5495

Complementary

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



51.8761, 91.0270, -74.5693



85.5429, -68.0988, 49.3474

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.



51.8772, -64.9021, 10.4704



51.8761, 91.0270, -74.5693



51.8772, -34.5741, 36.1110

Square

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



51.8772, 91.0249, -74.5663



51.8772, 59.8531, 35.2570



51.8772, -57.0454, 31.8828



51.8772, -45.0719, -123.5972

Rectangle

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



51.8761, 91.0270, -74.5693



51.8772, 114.4746, 19.7183



51.8772, -57.0454, 31.8828



51.8772, -63.8514, -22.8199

Sweetspot

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



51.8772, 91.0249, -74.5663



81.0829, 25.7473, -18.7661



35.9586, 45.8783, -133.0325



36.3256, 14.0992, -10.4212

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.8772, 91.0249, -74.5663



49.0244, 97.5219, -82.5025



51.7638, 83.0050, -14.1753



42.6556, 3.1388, -1.8076



35.1974, 70.9948, -60.3411



11.1064, 22.3273, -18.4604

Inverse Universe

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



49.1015, 72.6709, 23.9156



46.4892, 78.6721, 27.8334



85.9154, -64.9577, 37.4214



42.4487, 1.7804, 3.0562



33.4089, 57.3717, 20.3639



10.4723, 18.0780, 5.6518

Previews

White Background



This preview shows how the HunterLab color 51.8761, 91.0270, -74.5693 looks on a white background.

Color Contrast Check

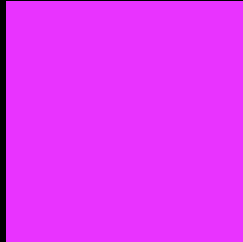
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.8761, 91.0270, -74.5693 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 51.8761, 91.0270, -74.5693 Background



This preview shows how black text looks on a background with the HunterLab color 51.8761, 91.0270, -74.5693.



This preview shows how white text looks on a background with the HunterLab color 51.8761, 91.0270, -74.5693.

-74.5693.

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

51.8761, 91.0270, -74.5693

Protanopia

52.1881, 13.6944, -75.0845

Deuteranopia

52.2121, 4.8800, -62.2421



Tritanopia

51.5607, 37.2855, 13.4243

Trichromacy



Original Color

51.8761, 91.0270, -74.5693



Protanomaly

47.8867, 41.7618, -86.8982



Deuteranomaly

47.4055, 34.7605, -79.2273



Tritanomaly

50.1358, 56.4821, -11.3522

Monochromacy



Original Color

51.8761, 91.0270, -74.5693



Achromatopsia

46.8536, -2.5000, 2.5456



Achromatomaly

45.4070, 31.8977, -24.4196

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8761, 91.0270, -74.5693 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(233, 51, 255)` looks like.

```
.text, #text, p{  
    color:rgb(233, 51, 255)  
}
```

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(233, 51, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 51, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8761, 91.0270, -74.5693 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(233, 51, 255) }
```


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

```
.border{ border-color:rgb(233, 51, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 51, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 51, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 51, 255);  
box-shadow:4px 4px 4px 4px rgb(233, 51,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8761, 91.0270, -74.5693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 51, 255) }
```

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

```
.background{ background-color: rgb(233, 51,  
255) }
```

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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