

Converting Colors

YUV(148.0620, 46.8044,
61.3356)

Have a look what the booklet for
YUV(148.0620, 46.8044, 61.3356)
contains.

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Color

**YUV(148.0620, 46.8044,
61.3356)**

Conversions

Conversions Part 1

Format	Color
Hex	DA5EF3
RGB	218, 94, 243
RGB Percent	85%, 37%, 95%
CMY	0.1451, 0.6314, 0.0471
CMYK	0.10, 0.61, 0.00, 0.05
HSL	290°, 86%, 66%
HSV	290°, 61%, 95%
XYZ	49.0938, 29.3819, 87.8778
YIQ	148.0620, 26.0750, 72.6270

Conversions

Conversions Part 2

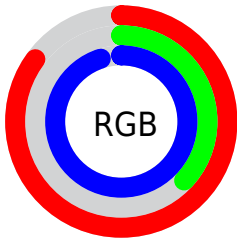
Format	Color
R _Y B	218, 94, 243
Decimal	14311155
CIE Lab	61.12, 68.77, -53.25
CIE LCh	61, 86.978, 322.250
Yxy	29.3819, 0.2951, 0.1766
Android (android.graphics.Color)	4292501235 (0xFFDA5EF3)
YUV	148.0620, 46.8044, 61.3356
Hunter-Lab	54.2051, 66.8095, -58.1779

Details

The YUV color **148.0620, 46.8044, 61.3356** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **188.9380, -46.8044, -61.3356**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.9520, 30.0967, 53.5391**, and **87.2410, 48.6882, 63.8096** is the 20% darker color. If you saturate the color by 10%, you get **132.7780, 54.3394, 71.2317**, and if you desaturate by 10%, it is **163.3460, 39.2694, 51.4396**.

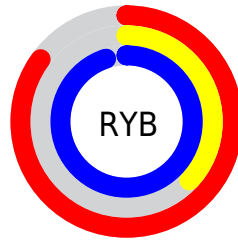
Distribution



Red (85%)

Green (37%)

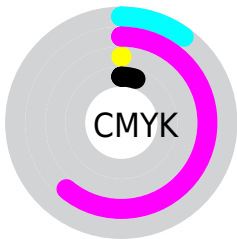
Blue (95%)



Red (85%)

Yellow (37%)

Blue (95%)

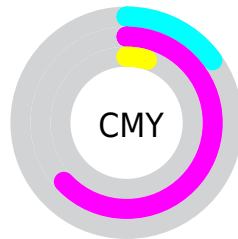


Cyan (10%)

Magenta (61%)

Yellow (0%)

Black (5%)



Cyan (15%)


Magenta (63%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 148.0620, 46.8044, 61.3356 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 YUV color 148.0620, 46.8044, 61.3356 by changing the saturation by 10% instead.


 148.0620, 46.8044,
61.3356


 148.0620, 46.8044,
61.3356


255.0000, 0.0000,
0.0000


 119.0620, 46.8044,
61.3356


 193.9520, 30.0967,
53.5391


 87.2410, 48.6882,
63.8096


 210.3880, 21.9937,
39.1247


 57.2950, 50.1406,
64.6393

 227.4110, 13.6014,
24.1956

 45.8450, 42.4744,
50.1249

 245.0210, 4.9196,
8.7516

 34.5090, 35.2451,
35.5106

 23.8850, 28.1577,
22.0259

 11.2820, 22.5390,

4.1377

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 148.0620, 46.8044,
61.3356

■ 148.0620, 46.8044,
61.3356

■ 132.7780, 54.3394,
71.2317

■ 163.3460, 39.2694,
51.4396

■ 116.9070, 62.1638,
81.6426

■ 179.2170, 31.4450,
41.0287

■ 101.6230, 69.6989,
91.5386

■ 194.5010, 23.9100,
31.1326

■ 88.1000, 76.3657,
99.8903

■ 209.7850, 16.3750,
21.2366

225.0690, 8.8400,
11.3405

240.9400, 1.0156,
0.9296

251.2400, -4.0623,
-3.7185

252.4360, -4.6519,
-1.2594

253.6320, -5.2416,
1.1997

Harmonies

Analogous

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



134.3170, 59.4967, -43.2510



148.0620, 46.8044, 61.3356



123.3280, 23.5023, 115.4763

Triad

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



148.0620, 46.8044, 61.3356



138.7240, -68.3909, 49.3541



128.9160, 37.0164, -113.0593

Complementary

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



148.0620, 46.8044, 61.3356



188.9380, -46.8044, -61.3356

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.



119.2090, 2.3620, -104.5463



148.0620, 46.8044, 61.3356



131.5830, -64.8704, -6.6503

Square

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



148.0620, 46.8044, 61.3356



134.6500, -62.4385, 100.2849



105.9970, -33.0295, -92.9594



132.9690, 60.1613, -116.6138

Rectangle

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



148.0620, 46.8044, 61.3356



115.1660, 2.3832, 122.6344



105.9970, -33.0295, -92.9594



125.9520, 25.6597, -110.4599

Sweetspot

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



148.0620, 46.8044, 61.3356



225.6060, 14.4912, 18.7625



126.8350, 57.2693, -28.7963



109.4820, 9.1294, 11.8553



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



148.0620, 46.8044, 61.3356



134.4890, 59.4119, 77.6241



150.1790, 22.5898, 81.4040



114.3580, 3.7675, 4.9480



67.5490, 58.3963, 76.6945



21.3770, 18.5481, 24.2254

Inverse Universe

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



141.4010, -11.0437, 89.1023



126.1590, -13.8824, 112.9936



186.8210, -22.5898, -81.4040



113.8160, -0.8953, 7.1774



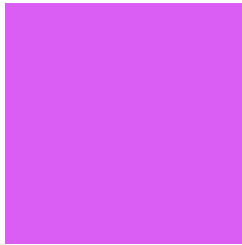
59.1480, -13.8770, 111.2492



18.7810, -4.3290, 35.2721

Previews

White Background



This preview shows how the YUV color 148.0620, 46.8044, 61.3356 looks on a white background.

Color Contrast Check

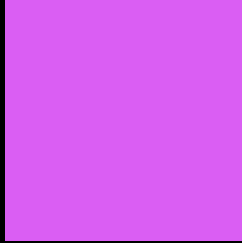
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 148.0620, 46.8044, 61.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

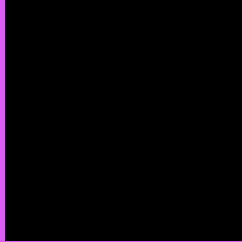
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.0620, 46.8044, 61.3356

Background



This preview shows how black text looks on a background with the YUV color 148.0620, 46.8044, 61.3356.



This preview shows how white text looks on a background with the YUV color 148.0620, 46.8044, 61.3356.

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

148.0620, 46.8044, 61.3356

Protanopia

142.6010, 55.4127, -39.9921

Deuteranopia

143.3380, 44.2034, -38.0074



Tritanopia

149.3480, -7.5666, 47.0528

Trichromacy



Original Color

148.0620, 46.8044, 61.3356



Protanomaly

144.7350, 52.3886, -3.2756



Deuteranomaly

144.9110, 45.3999, -1.6759



Tritanomaly

148.9460, 12.3516, 51.7904

Monochromacy



Original Color

148.0620, 46.8044, 61.3356



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

147.7250, 17.3906, 22.1662

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.0620, 46.8044, 61.3356 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(218, 94, 243)` looks like.

```
.text, #text, p{  
    color:rgb(218, 94, 243)  
}
```

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(218, 94, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 94, 243) }
```

Border

The CSS property to change the border of an element to YUV 148.0620, 46.8044, 61.3356 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(218, 94, 243) }
```


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

```
.border{ border-color:rgb(218, 94, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 94, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 94, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 94, 243);  
box-shadow:4px 4px 4px 4px rgb(218, 94,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 148.0620, 46.8044, 61.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 94, 243) }
```

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

```
.background{ background-color: rgb(218, 94,  
243) }
```

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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