

Converting Colors

Hex(D53DF2)

Have a look what the booklet for
Hex(D53DF2) contains.

Hex(D53DF2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D53DF2)

Conversions

Conversions Part 1

Format	Color
Hex	D53DF2
RGB	213, 61, 242
RGB Percent	84%, 24%, 95%
CMY	0.1647, 0.7608, 0.0510
CMYK	0.12, 0.75, 0.00, 0.05
HSL	290°, 87%, 59%
HSV	290°, 75%, 95%
XYZ	45.1363, 23.8944, 86.2375
YIQ	127.0820, 32.4910, 88.5150

Conversions

Conversions Part 2

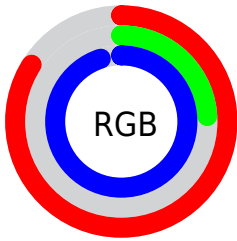
Format	Color
R _Y B	213, 61, 242
Decimal	13975026
CIE Lab	55.98, 79.82, -60.94
CIE LCh	56, 100.425, 322.642
Yxy	23.8944, 0.2907, 0.1539
Android (android.graphics.Color)	4292165106 (0xFFD53DF2)
YUV	127.0820, 56.6546, 75.3501
Hunter-Lab	48.8819, 79.2790, -70.3821

Details

The Hex color **D53DF2** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **5AF23D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF7BFF**, and **9A00B9** is the 20% darker color. If you saturate the color by 10%, you get **D125F2**, and if you desaturate by 10%, it is **D955F2**.

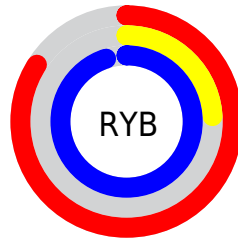
Distribution



Red (84%)

Green (24%)

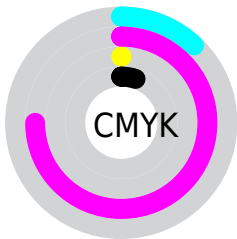
Blue (95%)



Red (84%)

Yellow (24%)

Blue (95%)

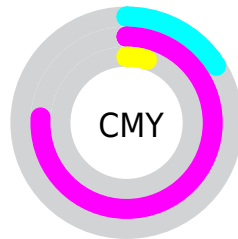


Cyan (12%)

Magenta (75%)

Yellow (0%)

Black (5%)



Cyan (16%)

Magenta (76%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color D53DF2 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 Hex color D53DF2 by changing the saturation by 10% instead.

 D53DF2

 D53DF2

FFFFFF

 B710D5

 FF7BFF

 9A00B9

 FF99FF

 7D009D

 FFB6FF

 600083

 FFD4FF

 430068

 FFF2FF

 26004F

 000037

 000221

 000006

 D53DF2

 D53DF2

 D125F2

 D955F2

 CD0DF2

 DD6DF2

 CB00F2

 E186F2

 E59EF2

 E8B6F2

 ECCEF2

 F0E6F2

 F4FFF2

 F8FFF2

Harmonies

Analogous

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



0079FF



D53DF2



FF00A0

Triad

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



D53DF2



B57B00



00A9C8

Complementary

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



D53DF2



5AF23D

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.



00A76D



D53DF2



639500

Square

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



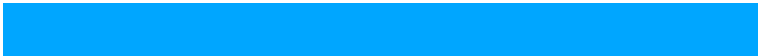
D53DF2



F24C00



00A200



00A6FF

Rectangle

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



D53DF2



FF0066



00A200



00A9AA

Sweetspot

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



D53DF2



F6C7FF



3D5BF2



7A5E80



000000



808080

Same Dimension

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



D53DF2



DA19FF



F23DB6



766C78



9A00B8



2F0038

Inverse Universe

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



F23D5A



FF193E



3DF279



786C6E



B8001D



380009

Previews

White Background



This preview shows how the Hex color D53DF2 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

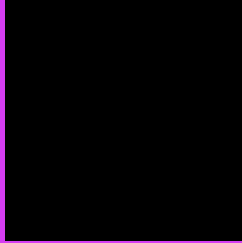
Any Text WCAG AA ✓ Pass

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](#).

Hex D53DF2 Background



This preview shows how black text looks on a background with the Hex color D53DF2.




This preview shows how white text looks on a background with the Hex color D53DF2.

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





Tritanopia
C46C73

Trichromacy



Original Color
D53DF2



Protanomaly
7669FA



Deuteranomaly
766DEA



Tritanomaly
CA5BA1

Monochromacy



Original Color
D53DF2



Achromatopsia
7F7F7F



Achromatomaly
9E67A9

CSS Examples

Text

The CSS property to change the color of the text to Hex D53DF2 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 #D53DF2 looks like.

```
.text, #text, p{  
    color:#D53DF2  
}
```

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 #D53DF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D53DF2
}
```

Border

The CSS property to change the border of an element to Hex D53DF2 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
#D53DF2 }
```

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

```
.border{ border-color:#D53DF2 }
```

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

Here you see how a box with a 4 pixel #D53DF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D53DF2; -webkit-box-shadow:4px 4px  
4px 4px #D53DF2; box-shadow:4px 4px 4px  
4px #D53DF2 }
```

Background

The CSS property to change the background color of an element to Hex D53DF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D53DF2 }
```

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

```
.background{ background-color:#D53DF2 }
```

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