

Converting Colors

Hex(6A53DF)

Have a look what the booklet for
Hex(6A53DF) contains.

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Color

Hex(6A53DF)

Conversions

Conversions Part 1

Format	Color
Hex	6A53DF
RGB	106, 83, 223
RGB Percent	42%, 33%, 87%
CMY	0.5843, 0.6745, 0.1255
CMYK	0.52, 0.63, 0.00, 0.13
HSL	250°, 69%, 60%
HSV	250°, 63%, 87%
XYZ	22.3564, 14.5784, 71.4476
YIQ	105.8370, -31.2320, 48.4160

Conversions

Conversions Part 2

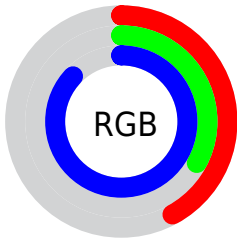
Format	Color
R_{YB}	106, 83, 223
Decimal	6968287
CIE _{Lab}	45.05, 45.49, -68.54
CIE _{LCh}	45, 82.259, 303.575
Yxy	14.5784, 0.2063, 0.1345
Android (android.graphics.Color)	4285158367 (0xFF6A53DF)
YUV	105.8370, 57.7614, 0.1430
Hunter-Lab	38.1817, 37.6987, -84.2195

Details

The Hex color **6A53DF** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **C8DF53**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A686FF**, and **2624A7** is the 20% darker color. If you saturate the color by 10%, you get **573DDF**, and if you desaturate by 10%, it is **7D69DF**.

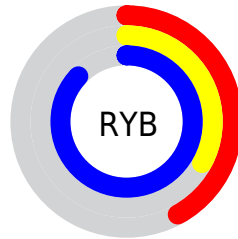
Distribution



Red (42%)

Green (33%)

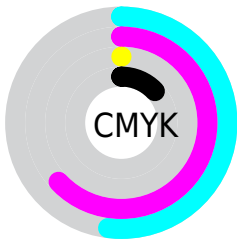
Blue (87%)



Red (42%)

Yellow (33%)

Blue (87%)

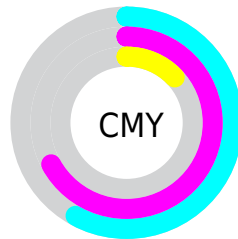


Cyan (52%)

Magenta (63%)

Yellow (0%)

Black (13%)



Cyan (58%)

Magenta (67%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A53DF 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 6A53DF by changing the saturation by 10% instead.

6A53DF

6A53DF

FFFFFF

4B3BC2

A686FF

2624A7

C3A0FF

000C8C

E1BCFF

000071

FFD8FF

000058

FFF4FF

00063F

000328

000112

000000

 6A53DF

 6A53DF

 573DDF

 7D69DF

 4526DF

 8F80DF

 3210DF

 A296DF

 2500DF

 B5ACDF

 C7C3DF

 DAD9DF

 ECEDFD

 FFFFDF

Harmonies

Analogous

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



0072F6



6A53DF



BF16A9

Triad

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



6A53DF



B14D00



008671

Complementary

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



6A53DF



C8DF53

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.



008326



6A53DF



7B6B00

Square

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



6A53DF



D41223



2E7B00



0086B6

Rectangle

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



6A53DF



D8007D



2E7B00



008559

Sweetspot

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



6A53DF



D7CFFF



53CADF



676280



000000



808080

Same Dimension

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



6A53DF



5F40FF



AE53DF



676570



1D00B0



080030

Inverse Universe

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



DF53C8



FF40E0



84DF53



70656E



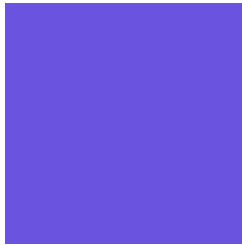
B00093



300028

Previews

White Background



This preview shows how the Hex color 6A53DF looks on a white background.

Color Contrast Check

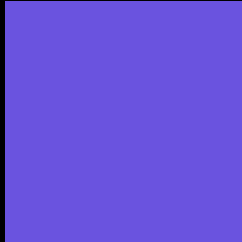
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6A53DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

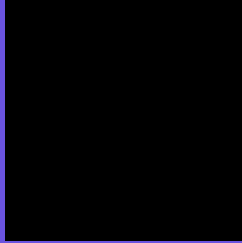
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 6A53DF Background



This preview shows how black text looks on a background with the Hex color 6A53DF.

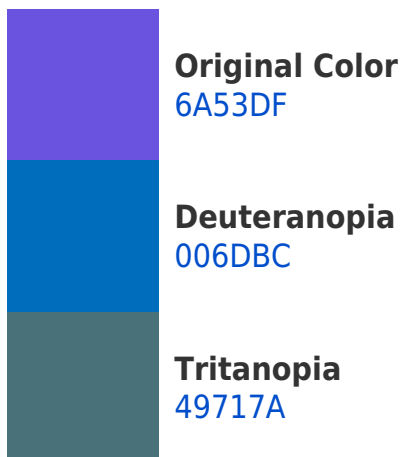


This preview shows how white text looks on a background with the Hex color 6A53DF.

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



Trichromacy



Original Color
6A53DF



Deuteranomaly
2764C9

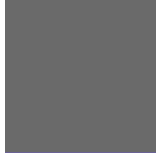


Tritanomaly
55669F

Monochromacy



Original Color
6A53DF



Achromatopsia
6A6A6A



Achromatomaly
6A6295

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A53DF 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 #6A53DF looks like.

```
.text, #text, p{  
    color:#6A53DF  
}
```

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 #6A53DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A53DF
}
```

Border

The CSS property to change the border of an element to Hex 6A53DF is called "border". The border property can be set on classes, ids or directly on the HTML element.

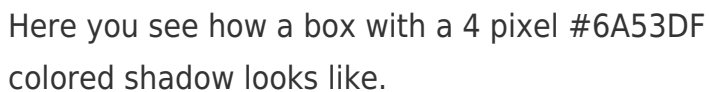
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A53DF }
```

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

```
.border{ border-color:#6A53DF }
```

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



Here you see how a box with a 4 pixel #6A53DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A53DF; -webkit-box-shadow:4px 4px  
4px 4px #6A53DF; box-shadow:4px 4px 4px  
4px #6A53DF }
```

Background

The CSS property to change the background color of an element to Hex 6A53DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A53DF }
```

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

```
.background{ background-color:#6A53DF }
```

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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