

Converting Colors

Hex(353DD6)

Have a look what the booklet for
Hex(353DD6) contains.

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Color

Hex(353DD6)

Conversions

Conversions Part 1

Format	Color
Hex	353DD6
RGB	53, 61, 214
RGB Percent	21%, 24%, 84%
CMY	0.7922, 0.7608, 0.1608
CMYK	0.75, 0.71, 0.00, 0.16
HSL	237°, 66%, 52%
HSV	237°, 75%, 84%
XYZ	15.2745, 8.9494, 64.5407
YIQ	76.0500, -53.8810, 45.8870

Conversions

Conversions Part 2

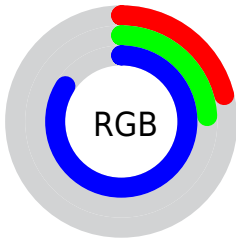
Format	Color
RYB	53, 61, 214
Decimal	3489238
CIELab	35.89, 48.19, -78.54
CIELCh	36, 92.150, 301.531
Yxy	8.9494, 0.1721, 0.1008
Android (android.graphics.Color)	4281679318 (0xFF353DD6)
YUV	76.0500, 68.0093, -20.2148
Hunter-Lab	29.9156, 38.7878, -106.9730

Details

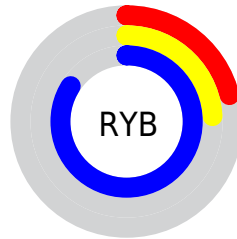
The Hex color **353DD6** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **D6CE35**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7C6EFF**, and **00109E** is the 20% darker color. If you saturate the color by 10%, you get **2029D6**, and if you desaturate by 10%, it is **4A51D6**.

Distribution



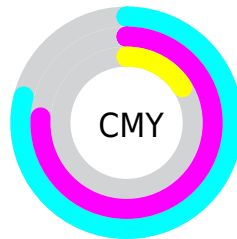
- Red (21%)
- Green (24%)
- Blue (84%)



- Red (21%)
- Yellow (24%)
- Blue (84%)



- Cyan (75%)
- Magenta (71%)
- Yellow (0%)
- Black (16%)



- Cyan (79%)
- Magenta (76%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 353DD6 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 353DD6 by changing the saturation by 10% instead.

 353DD6

 353DD6

FFFFFF

 0026BA

 7C6EFF

 00109E

 9B87FF

 000083

 BAA2FF

 000069

 D9BDFF

 000A4F

 F8D9FF

 000537

 FFF6FF

 000221

 000006

 000000

■ 353DD6

■ 353DD6

■ 2029D6

■ 4A51D6

■ 0A14D6

■ 6066D6

■ 000BD6

■ 757AD6

■ 8B8ED6

■ A0A3D6

■ B5B7D6

■ CBCBD6

■ E0E0D6

■ F6F4D6

Harmonies

Analogous

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



0060ED



353DD6



A9009D

Triad

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



353DD6



9C2D00



006E57

Complementary

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



353DD6



D6CE35

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.



006B00



353DD6



655400

Square

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



353DD6



C2000C



006400



006FA1

Rectangle

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



353DD6



C5006D



006400



006D3C

Sweetspot

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



353DD6



C4C7FF



35D6CE



5C5E80



000000



808080

Same Dimension

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



353DD6



1925FF



7D35D6



60616B



0008AB



00022B

Inverse Universe

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



D6353D



FF1925



8ED635



6B6061



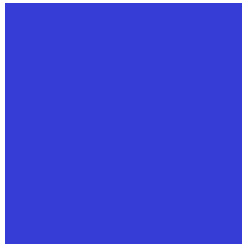
AB0008



2B0002

Previews

White Background



This preview shows how the Hex color 353DD6 looks on a white background.

Color Contrast Check

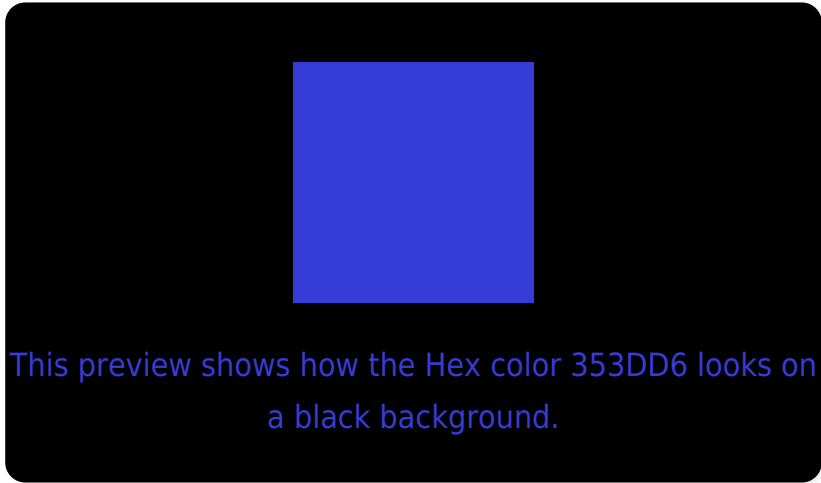
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

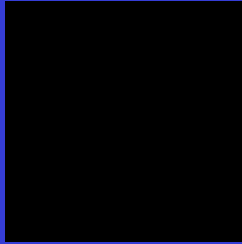
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 353DD6 Background



This preview shows how black text looks on a background with the Hex color 353DD6.

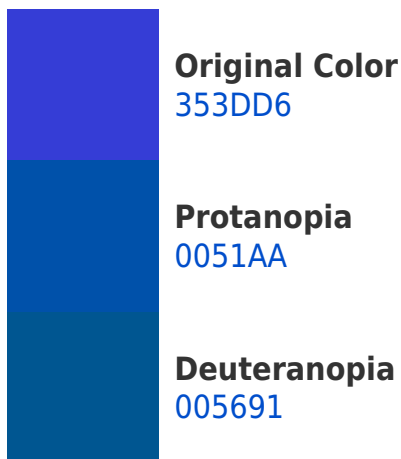


This preview shows how white text looks on a background with the Hex color 353DD6.

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](#).

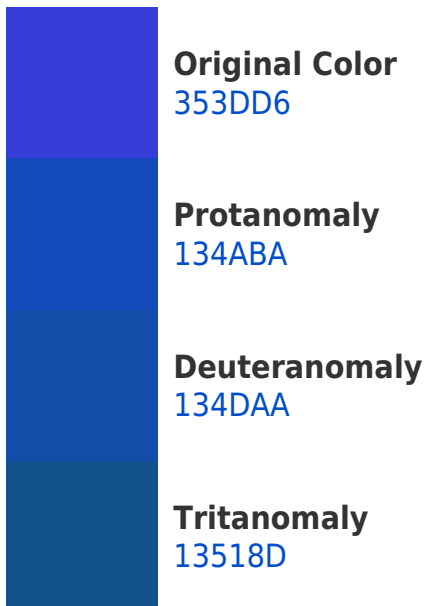
Dichromacy





Tritanopia
005D63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 353DD6 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 #353DD6 looks like.

```
.text, #text, p{  
    color:#353DD6  
}
```

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 #353DD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #353DD6
}
```

Border

The CSS property to change the border of an element to Hex 353DD6 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
#353DD6 }
```

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

```
.border{ border-color:#353DD6 }
```

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

Here you see how a box with a 4 pixel #353DD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #353DD6; -webkit-box-shadow:4px 4px  
4px 4px #353DD6; box-shadow:4px 4px 4px  
4px #353DD6 }
```

Background

The CSS property to change the background color of an element to Hex 353DD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#353DD6 }
```

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

```
.background{ background-color:#353DD6 }
```

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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