

Converting Colors

Hex(736FD6)

Have a look what the booklet for
Hex(736FD6) contains.

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Color

Hex(736FD6)

Conversions

Conversions Part 1

Format	Color
Hex	736FD6
RGB	115, 111, 214
RGB Percent	45%, 44%, 84%
CMY	0.5490, 0.5647, 0.1608
CMYK	0.46, 0.48, 0.00, 0.16
HSL	242°, 56%, 64%
HSV	242°, 48%, 84%
XYZ	24.8923, 19.8688, 66.1414
YIQ	123.9380, -30.6790, 32.8810

Conversions

Conversions Part 2

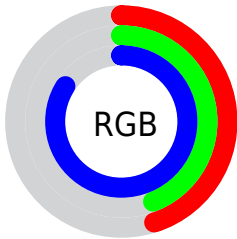
Format	Color
R_{YB}	115, 111, 214
Decimal	7565270
CIE _{Lab}	51.69, 28.14, -52.68
CIE _{LCh}	52, 59.722, 298.109
Yxy	19.8688, 0.2245, 0.1792
Android (android.graphics.Color)	4285755350 (0xFF736FD6)
YUV	123.9380, 44.4006, -7.8386
Hunter-Lab	44.5744, 21.6770, -56.7750

Details

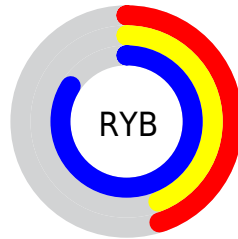
The Hex color **736FD6** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D2D66F**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **ACA3FF**, and **393F9F** is the 20% darker color. If you saturate the color by 10%, you get **5E5AD6**, and if you desaturate by 10%, it is **8884D6**.

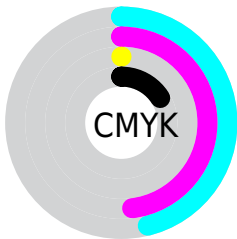
Distribution



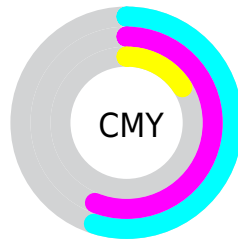
- Red (45%)
- Green (44%)
- Blue (84%)



- Red (45%)
- Yellow (44%)
- Blue (84%)



- Cyan (46%)
- Magenta (48%)
- Yellow (0%)
- Black (16%)



- Cyan (55%)
- Magenta (56%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 736FD6 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 736FD6 by changing the saturation by 10% instead.

736FD6

736FD6

FFFFFF

5757BA

ACA3FF

393F9F

C9BEFF

152984

E6DAFF

00156A

FFF6FF

000051

000539

000223

000009

000000

 736FD6

 736FD6

 5E5AD6


 8884D6

 4A44D6

 9C9AD6

 352FD6

 B1AFD6

 2119D6

 C5C5D6

 0C04D6

 DADAD6

 0800D6

 EEEFD6

 FFFFD6

Harmonies

Analogous

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



0082E2



736FD6



B557B2

Triad

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



736FD6



BD6321



009276

Complementary

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



736FD6



D2D66F

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.



008F42



736FD6



967800

Square

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



736FD6



D34E4E



648610



0092AA

Rectangle

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



736FD6



CD4A92



648610



009264

Sweetspot

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



736FD6



DDDBFF



6FD3D6



6B6A80



000000



808080

Same Dimension

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



736FD6



716BFF



A66FD6



61606B



0700AB



02002B

Inverse Universe

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



D66FD2



FF6BF9



9FD66F



6B606B



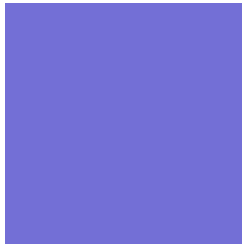
AB00A4



2B002A

Previews

White Background



This preview shows how the Hex color 736FD6 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

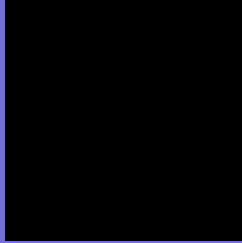
Any Text WCAG AA ✓ Pass

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 736FD6 Background



This preview shows how black text looks on a background with the Hex color 736FD6.

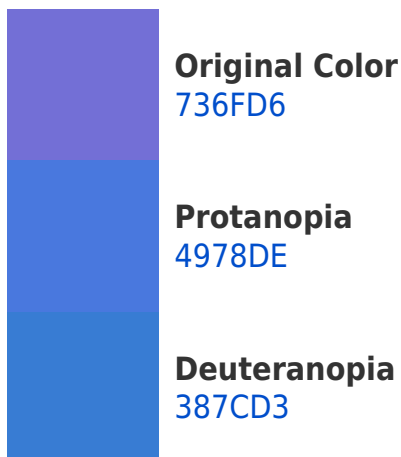


This preview shows how white text looks on a background with the Hex color 736FD6.

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
5E818B

Trichromacy



Original Color
736FD6

Protanomaly
5875DB

Deuteranomaly
4D77D4

Tritanomaly
667AA6

Monochromacy



Original Color
736FD6

Achromatopsia
7C7C7C

Achromatomaly
79779D

CSS Examples

Text

The CSS property to change the color of the text to Hex 736FD6 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 #736FD6 looks like.

```
.text, #text, p{  
    color:#736FD6  
}
```

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 #736FD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736FD6
}
```

Border

The CSS property to change the border of an element to Hex 736FD6 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
#736FD6 }
```

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

```
.border{ border-color:#736FD6 }
```

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

Here you see how a box with a 4 pixel #736FD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736FD6; -webkit-box-shadow:4px 4px  
4px 4px #736FD6; box-shadow:4px 4px 4px  
4px #736FD6 }
```

Background

The CSS property to change the background color of an element to Hex 736FD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736FD6 }
```

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

```
.background{ background-color:#736FD6 }
```

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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