

Converting Colors

Hex(6936CC)

Have a look what the booklet for
Hex(6936CC) contains.

Hex(6936CC)	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>	28

Color

Hex(6936CC)

Conversions

Conversions Part 1

Format	Color
Hex	6936CC
RGB	105, 54, 204
RGB Percent	41%, 21%, 80%
CMY	0.5882, 0.7882, 0.2000
CMYK	0.49, 0.74, 0.00, 0.20
HSL	260°, 60%, 51%
HSV	260°, 74%, 80%
XYZ	18.0439, 10.0012, 58.1061
YIQ	86.3490, -17.7540, 57.4620

Conversions

Conversions Part 2

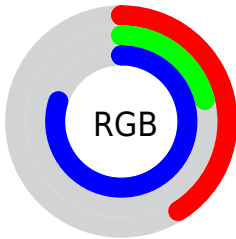
Format	Color
R _Y B	105, 54, 204
Decimal	6895308
CIE Lab	37.84, 55.28, -69.39
CIE LCh	38, 88.715, 308.541
Yxy	10.0012, 0.2094, 0.1161
Android (android.graphics.Color)	4285085388 (0xFF6936CC)
YUV	86.3490, 58.0019, 16.3569
Hunter-Lab	31.6247, 46.5026, -86.8001

Details

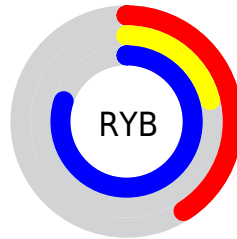
The Hex color **6936CC** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **99CC36**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **A46AFF**, and **280094** is the 20% darker color. If you saturate the color by 10%, you get **5C22CC**, and if you desaturate by 10%, it is **764ACC**.

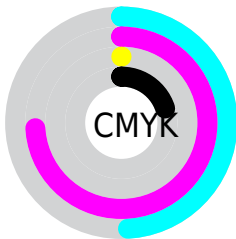
Distribution



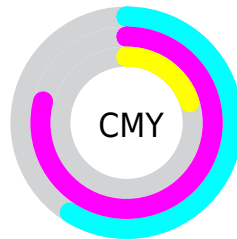
- Red (41%)
- Green (21%)
- Blue (80%)



- Red (41%)
- Yellow (21%)
- Blue (80%)



- Cyan (49%)
- Magenta (74%)
- Yellow (0%)
- Black (20%)



- Cyan (59%)
- Magenta (79%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6936CC 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 6936CC by changing the saturation by 10% instead.

 6936CC

 6936CC

FFFFFF

 4A1BB0

 A46AFF

 280094

 C284FF

 00007A

 E09FFF

 000060

 FEBBFF

 000647

 FFD7FF

 000430

 FFF4FF

 00011A

 000000

 6936CC

 6936CC

■ 5C22CC

■ 764ACC

■ 4E0DCC

■ 845FCC

■ 4500CC

■ 9173CC

■ 9F88CC

■ AC9CCC

■ BAB0CC

■ C7C5CC

■ D5D9CC

■ E2EECC

Harmonies

Analogous

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



005EEB



6936CC



B8008F

Triad

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



6936CC



954000



00736D

Complementary

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



6936CC



99CC36

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.



00711E



6936CC



5B5D00

Square

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



6936CC



BF0000



006B00



0074B3

Rectangle

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



6936CC



CC0060



006B00



007354

Sweetspot

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



6936CC



DAC7FF



369ACC



6A5E80



000000



808080

Same Dimension

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



6936CC



6B1FFF



B336CC



5F5C66



3800A6



0D0026

Inverse Universe

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



CC3699



FF1FB3



4FCC36



665C63



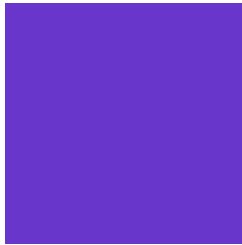
A6006D



260019

Previews

White Background



This preview shows how the Hex color 6936CC looks on a white background.

Color Contrast Check

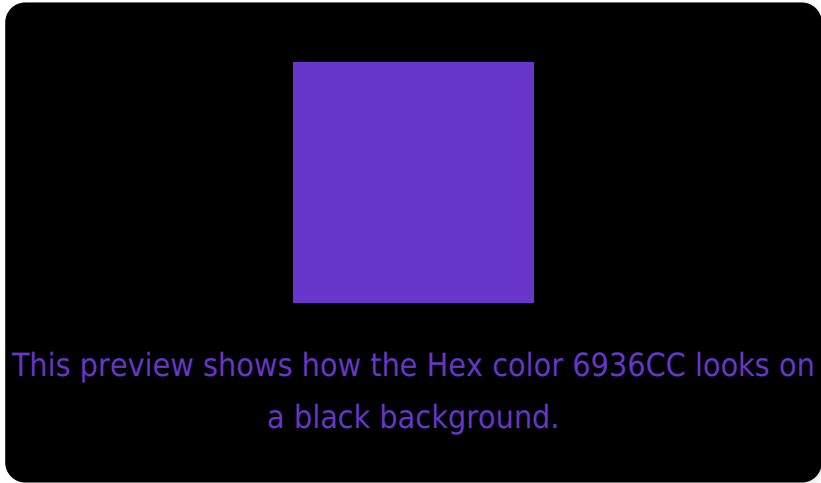
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

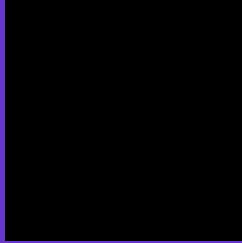
Any Text WCAG AA × Fail

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 6936CC Background



This preview shows how black text looks on a background with the Hex color 6936CC.

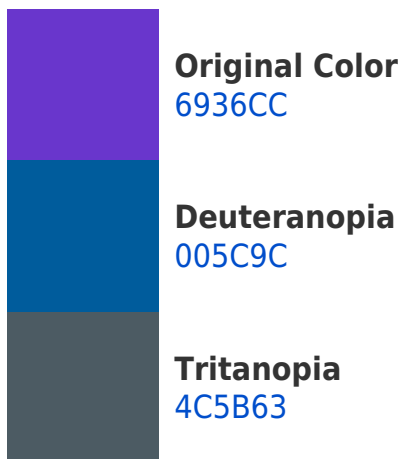


This preview shows how white text looks on a background with the Hex color 6936CC.

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
6936CC



Deuteranomaly
264EAD

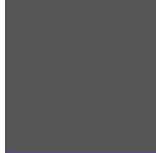


Tritanomaly
574E89

Monochromacy



Original Color
6936CC



Achromatopsia
565656



Achromatomaly
5D4A81

CSS Examples

Text

The CSS property to change the color of the text to Hex 6936CC 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 #6936CC looks like.

```
.text, #text, p{  
    color:#6936CC  
}
```

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 #6936CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6936CC
}
```

Border

The CSS property to change the border of an element to Hex 6936CC 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
#6936CC }
```

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

```
.border{ border-color:#6936CC }
```

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

Here you see how a box with a 4 pixel #6936CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6936CC; -webkit-box-shadow:4px 4px  
4px 4px #6936CC; box-shadow:4px 4px 4px  
4px #6936CC }
```

Background

The CSS property to change the background color of an element to Hex 6936CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6936CC }
```

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

```
.background{ background-color:#6936CC }
```

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