

Converting Colors

Hex(6933CC)

Have a look what the booklet for
Hex(6933CC) contains.

Hex(6933CC)	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(6933CC)

Conversions

Conversions Part 1

Format	Color
Hex	6933CC
RGB	105, 51, 204
RGB Percent	41%, 20%, 80%
CMY	0.5882, 0.8000, 0.2000
CMYK	0.49, 0.75, 0.00, 0.20
HSL	261°, 60%, 50%
HSV	261°, 75%, 80%
XYZ	17.9086, 9.7305, 58.0610
YIQ	84.5880, -16.9290, 59.0310

Conversions

Conversions Part 2

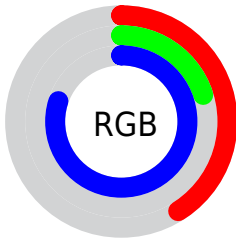
Format	Color
R _Y B	105, 51, 204
Decimal	6894540
CIE Lab	37.35, 56.67, -70.19
CIE LCh	37, 90.213, 308.915
Yxy	9.7305, 0.2090, 0.1135
Android (android.graphics.Color)	4285084620 (0xFF6933CC)
YUV	84.5880, 58.8701, 17.9013
Hunter-Lab	31.1938, 47.8890, -88.5208

Details

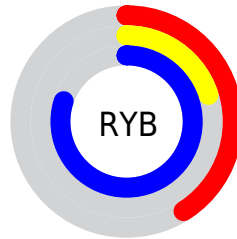
The Hex color **6933CC** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **96CC33**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **A467FF**, and **270094** is the 20% darker color. If you saturate the color by 10%, you get **5C1FCC**, and if you desaturate by 10%, it is **7647CC**.

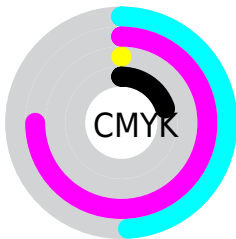
Distribution



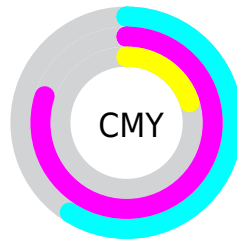
- Red (41%)
- Green (20%)
- Blue (80%)



- Red (41%)
- Yellow (20%)
- Blue (80%)



- Cyan (49%)
- Magenta (75%)
- Yellow (0%)
- Black (20%)



- Cyan (59%)
- Magenta (80%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6933CC 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 6933CC by changing the saturation by 10% instead.

6933CC

6933CC

FFFFFF

4A17B0

A467FF

270094

C281FF

00007A

E09CFF

000060

FEB8FF

000647

FFD5FF

000430

FFF1FF

00011A

000000

6933CC

6933CC

■ 5C1FCC

■ 7647CC

■ 4F0ACC

■ 835CCC

■ 4800CC

■ 9170CC

■ 9E85CC

■ AB99CC

■ B8ADCC

■ C5C2CC

■ D3D6CC

■ E0EBCC

Harmonies

Analogous

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



005DEC



6933CC



B9008E

Triad

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



6933CC



943F00



00726D

Complementary

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



6933CC



96CC33

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.



00701C



6933CC



585D00

Square

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



6933CC



BE0000



006A00



0073B4

Rectangle

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



6933CC



CC005E



006A00



007153

Sweetspot

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



6933CC



D9C4FF



3396CC



685C80



000000



808080

Same Dimension

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



6933CC



6A19FF



B533CC



5F5C66



3A00A6



0D0026

Inverse Universe

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



CC3396



FF19AE



4ACC33



665C62



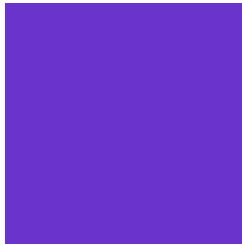
A6006B



260019

Previews

White Background



This preview shows how the Hex color 6933CC looks on a white background.

Color Contrast Check

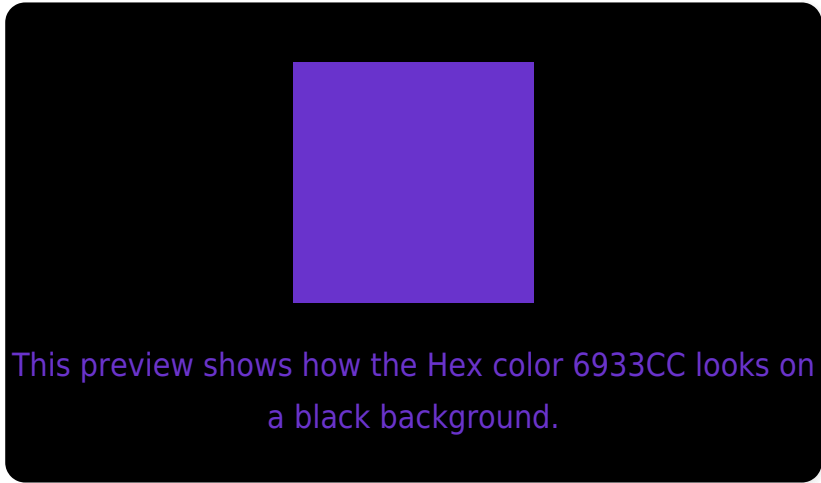
Large Text (above 18pt) WCAG AA ✓ Pass

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

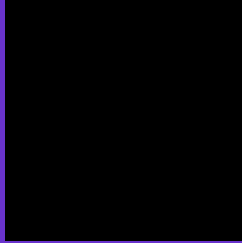
Any Text WCAG AA × Fail

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 6933CC Background



This preview shows how black text looks on a background with the Hex color 6933CC.

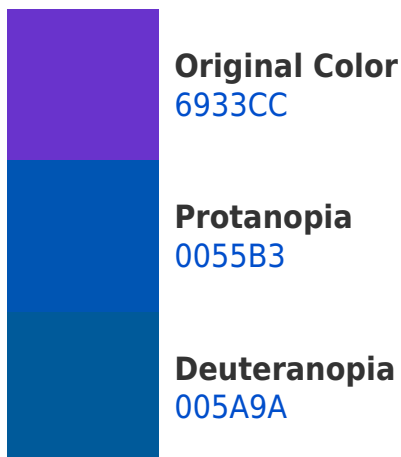


This preview shows how white text looks on a background with the Hex color 6933CC.

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](#).

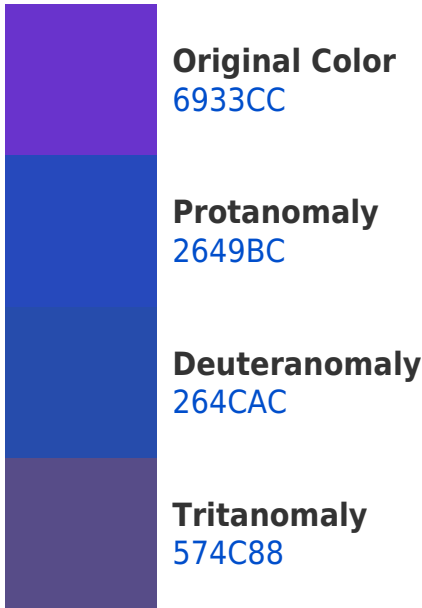
Dichromacy



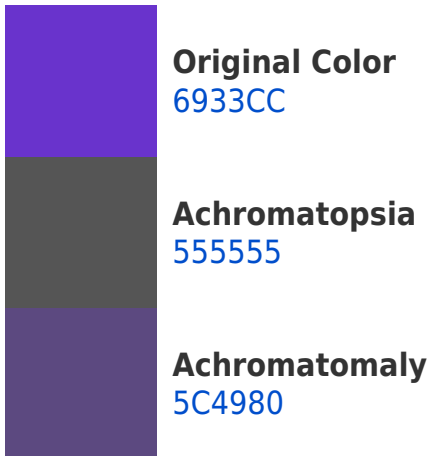


Tritanopia
4C5A61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6933CC 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 #6933CC looks like.

```
.text, #text, p{  
    color:#6933CC  
}
```

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 #6933CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6933CC
}
```

Border

The CSS property to change the border of an element to Hex 6933CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

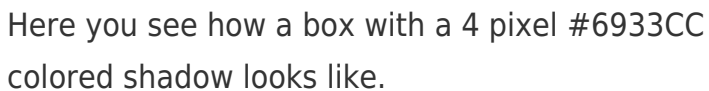
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6933CC }
```

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

```
.border{ border-color:#6933CC }
```

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



Here you see how a box with a 4 pixel #6933CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6933CC; -webkit-box-shadow:4px 4px  
4px 4px #6933CC; box-shadow:4px 4px 4px  
4px #6933CC }
```

Background

The CSS property to change the background color of an element to Hex 6933CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6933CC }
```

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

```
.background{ background-color:#6933CC }
```

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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