

Converting Colors

Hex(C36EB2)

Have a look what the booklet for
Hex(C36EB2) contains.

Hex(C36EB2)	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(C36EB2)

Conversions

Conversions Part 1

Format	Color
Hex	C36EB2
RGB	195, 110, 178
RGB Percent	76%, 43%, 70%
CMY	0.2353, 0.5686, 0.3020
CMYK	0.00, 0.44, 0.09, 0.24
HSL	312°, 41%, 60%
HSV	312°, 44%, 76%
XYZ	36.1175, 25.9683, 45.2283
YIQ	143.1670, 28.8320, 39.1680

Conversions

Conversions Part 2

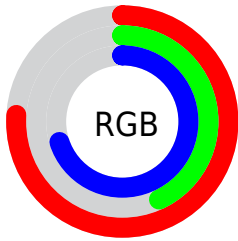
Format	Color
R_{YB}	195, 110, 178
Decimal	12807858
CIE _{Lab}	58.01, 43.16, -21.63
CIE _{LCh}	58, 48.277, 333.384
Yxy	25.9683, 0.3366, 0.2420
Android (android.graphics.Color)	4290997938 (0xFFC36EB2)
YUV	143.1670, 17.1727, 45.4575
Hunter-Lab	50.9591, 37.3342, -16.9509

Details

The Hex color **C36EB2** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6EC37F**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FDA4EA**, and **8B3B7D** is the 20% darker color. If you saturate the color by 10%, you get **C35BAE**, and if you desaturate by 10%, it is **C382B6**.

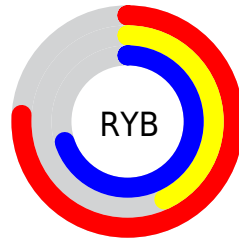
Distribution



Red (76%)

Green (43%)

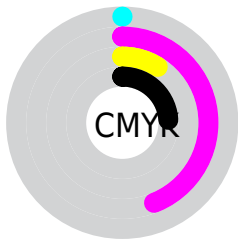
Blue (70%)



Red (76%)

Yellow (43%)

Blue (70%)

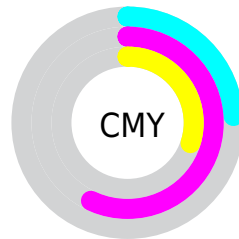


Cyan (0%)

Magenta (44%)

Yellow (9%)

Black (24%)



Cyan (24%)

Magenta (57%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color C36EB2 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 C36EB2 by changing the saturation by 10% instead.



C36EB2



C36EB2

FFFFFF



A75497



FDA4EA



8B3B7D



FFBFFF



712064



FFDCFF



57004C



FFF9FF



3D0035



280020



000002



000000



C36EB2



C36EB2

 C35BAE

 C382B6

 C347AA

 C395BA

 C333A6

 C3A9BE

 C320A2

 C3BCC2

 C30C9E

 C3CFC5

 C3009C

 C3E3C9

 C3F6CD

 C3FFD1

 C3FFD5

Harmonies

Analogous

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



947ED2



C36EB2



D86688

Triad

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



C36EB2



9F8B32



009FB9

Complementary

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



C36EB2



6EC37F

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.



00A08F



C36EB2



739641

Square

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



C36EB2



C17B3F



369D64



009AD6

Rectangle

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



C36EB2



D9696C



369D64



00A0AC

Sweetspot

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



C36EB2



FCDCF6



7F6EC3



806B7B



000000



808080

Same Dimension

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



C36EB2



FC79E2



C36E88



61575F



A10081



21001B

Inverse Universe

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



C36EB2



FC79E2



6EC3AA



61575F



A10081



21001B

Previews

White Background



This preview shows how the Hex color C36EB2 looks on a white background.

Color Contrast Check

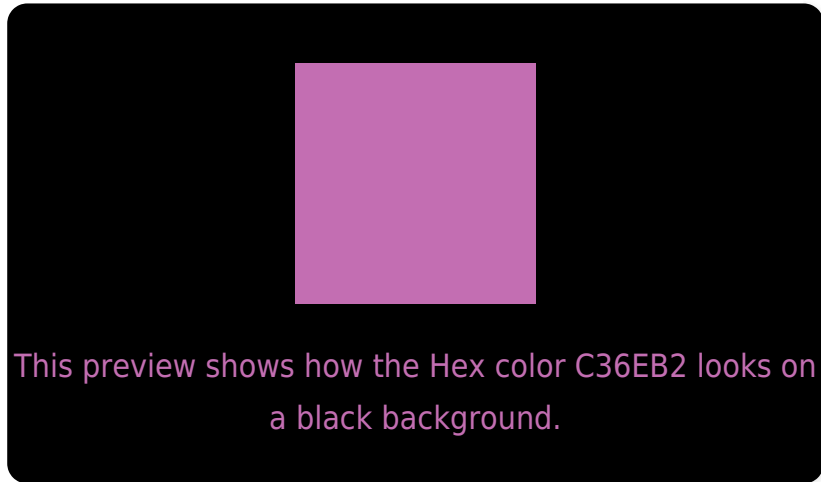
Large Text (above 18pt) WCAG AA ✓ Pass

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

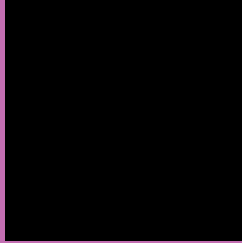
Any Text WCAG AA ✓ Pass

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 C36EB2 Background



This preview shows how black text looks on a background with the Hex color C36EB2.

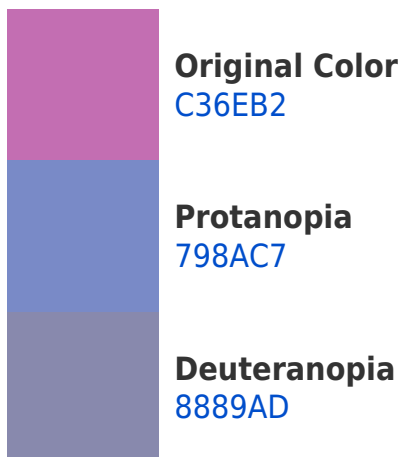


This preview shows how white text looks on a background with the Hex color C36EB2.

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
BD7881

Trichromacy



Original Color
C36EB2



Protanomaly
9480BF



Deuteranomaly
9D7FAF



Tritanomaly
BF7493

Monochromacy



Original Color
C36EB2



Achromatopsia
8F8F8F



Achromatomaly
A2839C

CSS Examples

Text

The CSS property to change the color of the text to Hex C36EB2 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 #C36EB2 looks like.

```
.text, #text, p{  
    color:#C36EB2  
}
```

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 #C36EB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C36EB2
}
```

Border

The CSS property to change the border of an element to Hex C36EB2 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
#C36EB2 }
```

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

```
.border{ border-color:#C36EB2 }
```

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

Here you see how a box with a 4 pixel #C36EB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C36EB2; -webkit-box-shadow:4px 4px  
4px 4px #C36EB2; box-shadow:4px 4px 4px  
4px #C36EB2 }
```

Background

The CSS property to change the background color of an element to Hex C36EB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C36EB2 }
```

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

```
.background{ background-color:#C36EB2 }
```

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