

Converting Colors

Hex(3600CE)

Have a look what the booklet for
Hex(3600CE) contains.

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Color

Hex(3600CE)

Conversions

Conversions Part 1

Format	Color
Hex	3600CE
RGB	54, 0, 206
RGB Percent	21%, 0%, 81%
CMY	0.7882, 1.0000, 0.1922
CMYK	0.74, 1.00, 0.00, 0.19
HSL	256°, 100%, 40%
HSV	256°, 100%, 81%
XYZ	12.6619, 5.2405, 58.7367
YIQ	39.6300, -33.9420, 75.5140

Conversions

Conversions Part 2

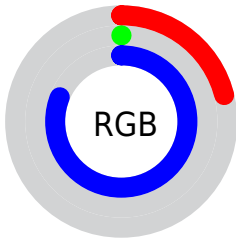
Format	Color
RYB	54, 0, 206
Decimal	3539150
CIELab	27.41, 68.25, -87.97
CIELCh	27, 111.340, 307.808
Yxy	5.2405, 0.1652, 0.0684
Android (android.graphics.Color)	4281729230 (0xFF3600CE)
YUV	39.6300, 82.0204, 12.6025
Hunter-Lab	22.8921, 58.6691, -136.1018

Details

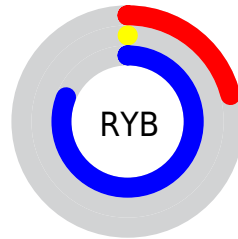
The Hex color **3600CE** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **98CE00**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **7E43FF**, and **000096** is the 20% darker color. If you saturate the color by 10%, you get **3600CE**, and if you desaturate by 10%, it is **4515CE**.

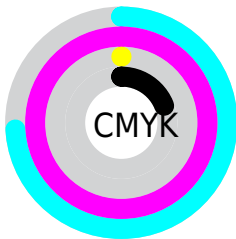
Distribution



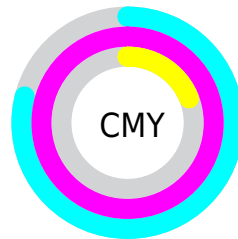
- Red (21%)
- Green (0%)
- Blue (81%)



- Red (21%)
- Yellow (0%)
- Blue (81%)



- Cyan (74%)
- Magenta (100%)
- Yellow (0%)
- Black (19%)



- Cyan (79%)
- Magenta (100%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3600CE 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 3600CE by changing the saturation by 10% instead.

 3600CE

 3600CE

FFFFFF

 0000B2

 7E43FF

 000096

 9E5EFF

 00007B

 BE79FF

 000461

 DD94FF

 000848

 FCB0FF

 000430

 FFCDFD

 00011B

 FFEAFF

 000000

 3600CE

 4515CE

 5429CE

 643ECE

 7352CE

 8267CE

 917CCE

 A090CE

 B0A5CE

 BFB9CE

Harmonies

Analogous

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



004CF4



3600CE



AC0084

Triad

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



3600CE



801900



005957

Complementary

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



3600CE



98CE00

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.



005700



3600CE



3C4600

Square

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



360CE



B00000



005300



005CAC

Rectangle

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



3600CE



C2004C



005300



005838

Sweetspot

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



3600CE



C7B3FF



009BCE



5E5280



000000



808080

Same Dimension

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



3600CE



4300FF



9B00CE



5E5C66



2B00A6



0A0026

Inverse Universe

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



CE0098



FF00BC



34CE00



665C63



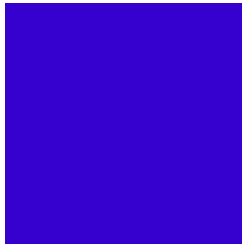
A6007A



26001C

Previews

White Background



This preview shows how the Hex color 3600CE looks on a white background.

Color Contrast Check

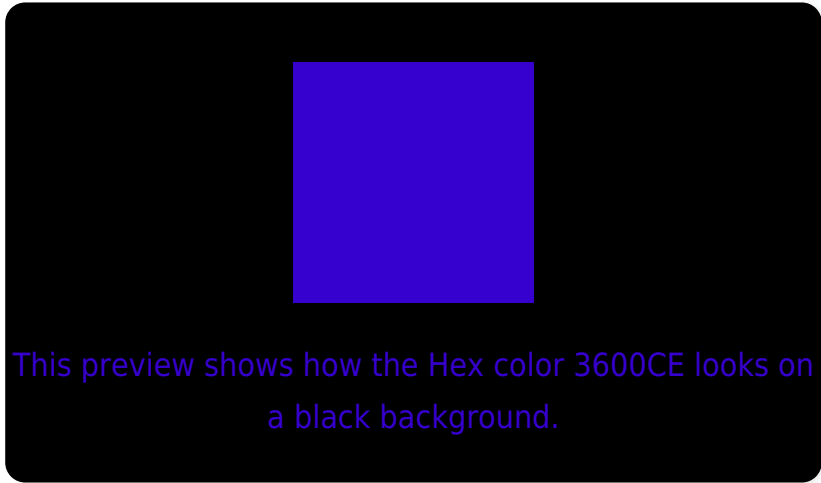
Large Text (above 18pt) WCAG AA ✓ Pass

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

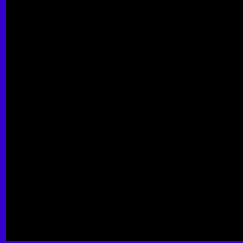
Any Text WCAG AA × Fail

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 3600CE Background



This preview shows how black text looks on a background with the Hex color 3600CE.



This preview shows how white text looks on a background with the Hex color 3600CE.

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



Original Color
3600CE

Protanopia
004087

Deuteranopia
004573



Tritanopia
004A4E

Trichromacy



Original Color
3600CE

Protanomaly
1429A1

Deuteranomaly
142C94

Tritanomaly
142F7D

Monochromacy



Original Color
3600CE

Achromatopsia
282828

Achromatomaly
2D1964

CSS Examples

Text

The CSS property to change the color of the text to Hex 3600CE 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 #3600CE looks like.

```
.text, #text, p{  
    color:#3600CE  
}
```

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 #3600CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3600CE }  
}
```

Border

The CSS property to change the border of an element to Hex 3600CE 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".

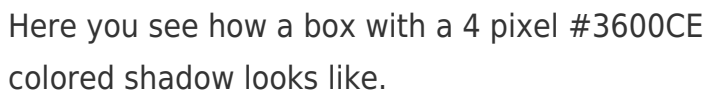
```
.border, #border, table{ border:4px solid #3600CE }  
}
```

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

```
.border{ border-color:#3600CE }
```

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

Here you see how a box with a 4 pixel #3600CE colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #3600CE color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3600CE; -webkit-box-shadow:4px 4px  
4px 4px #3600CE; box-shadow:4px 4px 4px  
4px #3600CE }
```

Background

The CSS property to change the background color of an element to Hex 3600CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3600CE }
```

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

```
.background{ background-color:#3600CE }
```

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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