

Converting Colors

Hex(3507C8)

Have a look what the booklet for
Hex(3507C8) contains.

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Color

Hex(3507C8)

Conversions

Conversions Part 1

Format	Color
Hex	3507C8
RGB	53, 7, 200
RGB Percent	21%, 3%, 78%
CMY	0.7922, 0.9725, 0.2157
CMYK	0.73, 0.96, 0.00, 0.22
HSL	254°, 93%, 41%
HSV	254°, 96%, 78%
XYZ	11.9695, 5.0790, 54.9931
YIQ	42.7560, -34.5370, 69.7750

Conversions

Conversions Part 2

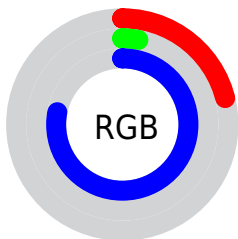
Format	Color
R_{YB}	53, 7, 200
Decimal	3475400
CIE _{Lab}	26.96, 65.45, -85.21
CIE _{LCh}	27, 107.446, 307.530
Yxy	5.0790, 0.1661, 0.0705
Android (android.graphics.Color)	4281665480 (0xFF3507C8)
YUV	42.7560, 77.5213, 8.9840
Hunter-Lab	22.5366, 55.3649, -128.9020

Details

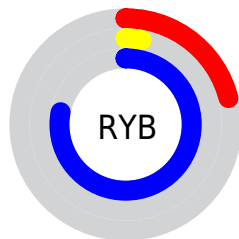
The Hex color **3507C8** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **9AC807**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **7C45FF**, and **000090** is the 20% darker color. If you saturate the color by 10%, you get **3000C8**, and if you desaturate by 10%, it is **441BC8**.

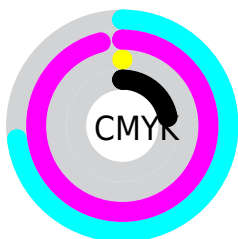
Distribution



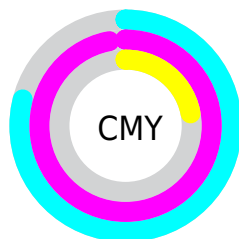
- Red (21%)
- Green (3%)
- Blue (78%)



- Red (21%)
- Yellow (3%)
- Blue (78%)



- Cyan (73%)
- Magenta (96%)
- Yellow (0%)
- Black (22%)



- Cyan (79%)
- Magenta (97%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3507C8 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 3507C8 by changing the saturation by 10% instead.

 3507C8

 3507C8

FFFFFF

 0000AC

 7C45FF

 000090

 9C60FF

 000076

 BB7AFF

 00075C

 DA95FF

 000743

 F9B1FF

 00032C

 FFCEFF

 000116

 FFE8FF

 000000

 3507C8

 3507C8

■ 3000C8

■ 441BC8

■ 532FC8

■ 6343C8

■ 7257C8

■ 816BC8

■ 907FC8

■ A093C8

■ AFA7C8

■ BEBBC8

Harmonies

Analogous

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



004BEC



3507C8



A70081

Triad

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



3507C8



7E1900



005854

Complementary

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



3507C8



9AC807

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.



005500



3507C8



3C4400

Square

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



3507C8



AB0000



005100



005AA6

Rectangle

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



3507C8



BC004B



005100



005737

Sweetspot

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



3507C8



C7B5FF



079BC8



5E5380



000000



808080

Same Dimension

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



3507C8



3D00FF



9507C8



5C5A63



2700A3



090024

Inverse Universe

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



C8079A



FF00C2



3AC807



635A61



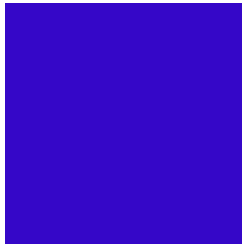
A3007C



24001B

Previews

White Background



This preview shows how the Hex color 3507C8 looks on a white background.

Color Contrast Check

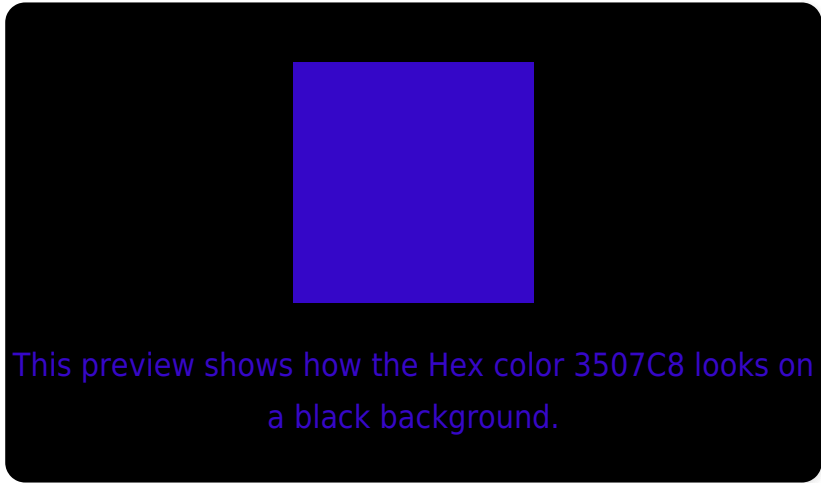
Large Text (above 18pt) WCAG AA ✓ Pass

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

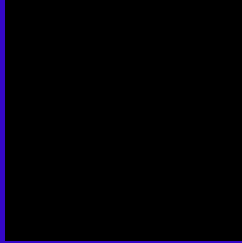
Any Text WCAG AA × Fail

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 3507C8 Background



This preview shows how black text looks on a background with the Hex color 3507C8.




This preview shows how white text looks on a background with the Hex color 3507C8.

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
00484C

Trichromacy



Original Color
3507C8

Protanomaly
132B9D

Deuteranomaly
132D90

Tritanomaly
133079

Monochromacy



Original Color
3507C8

Achromatopsia
2B2B2B

Achromatomaly
2F1E64

CSS Examples

Text

The CSS property to change the color of the text to Hex 3507C8 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 #3507C8 looks like.

```
.text, #text, p{  
    color:#3507C8  
}
```

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 #3507C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3507C8
}
```

Border

The CSS property to change the border of an element to Hex 3507C8 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
#3507C8 }
```

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

```
.border{ border-color:#3507C8 }
```

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

Here you see how a box with a 4 pixel #3507C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3507C8; -webkit-box-shadow:4px 4px  
4px 4px #3507C8; box-shadow:4px 4px 4px  
4px #3507C8 }
```

Background

The CSS property to change the background color of an element to Hex 3507C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3507C8 }
```

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

```
.background{ background-color:#3507C8 }
```

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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