

Converting Colors

Hex(557DCB)

Have a look what the booklet for
Hex(557DCB) contains.

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Color

Hex(557DCB)

Conversions

Conversions Part 1

Format	Color
Hex	557DCB
RGB	85, 125, 203
RGB Percent	33%, 49%, 80%
CMY	0.6667, 0.5098, 0.2039
CMYK	0.58, 0.38, 0.00, 0.20
HSL	220°, 53%, 56%
HSV	220°, 58%, 80%
XYZ	21.8594, 20.9103, 59.3839
YIQ	121.9320, -48.8780, 15.7780

Conversions

Conversions Part 2

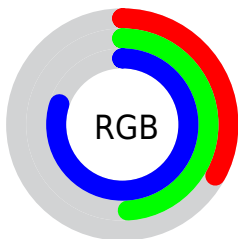
Format	Color
R _Y B	85, 115, 203
Decimal	5602763
CIE Lab	52.85, 9.57, -44.70
CIE LCh	53, 45.709, 282.082
Yxy	20.9103, 0.2140, 0.2047
Android (android.graphics.Color)	4283792843 (0xFF557DCB)
YUV	121.9320, 39.9665, -32.3894
Hunter-Lab	45.7278, 5.3053, -44.9868

Details

The Hex color **557DCB** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **CBA355**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **8FB1FF**, and **094D94** is the 20% darker color. If you saturate the color by 10%, you get **4170CB**, and if you desaturate by 10%, it is **698ACB**.

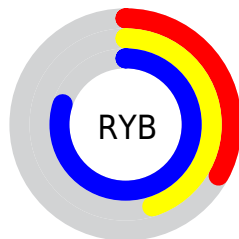
Distribution



Red (33%)

Green (49%)

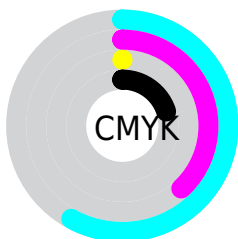
Blue (80%)



Red (33%)

Yellow (45%)

Blue (80%)

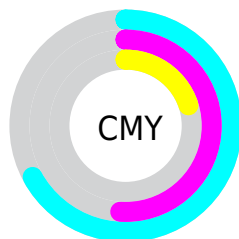


Cyan (58%)

Magenta (38%)

Yellow (0%)

Black (20%)



Cyan (67%)

Magenta (51%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 557DCB 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 557DCB by changing the saturation by 10% instead.

■ 557DCB

■ 557DCB

FFFFFF

■ 3664AF

■ 8FB1FF

■ 094D94

■ ACCDFF

■ 00367A

■ C9E9FF

■ 002261

■ E6FFFF

■ 000B49

■ 000431

■ 00011B

■ 000000

■ 557DCB

■ 557DCB

■ 4170CB

■ 698ACB

■ 2C62CB

■ 7E98CB

■ 1855CB

■ 92A5CB

■ 0447CB

■ A6B3CB

■ 0045CB

■ BBC0CB

■ CFCECB

■ E3DBC B

■ F7E8CB

■ FFF6CB

Harmonies

Analogous

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



0089C8



557DCB



956DB9

Triad

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



557DCB



BF654B



049065

Complementary

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



557DCB



CBA355

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.



5A8B41



557DCB



A87431

Square

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



557DCB



C75C70



85812C



00928D

Rectangle

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



557DCB



B063A4



85812C



328F58

Sweetspot

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



557DCB



D4E2FF



55CBA2



666F80



000000



808080

Same Dimension

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



557DCB



4D89FF



6755CB



5C5F66



0038A6



000D26

Inverse Universe

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



CB557D



FF4D89



B9CB55



665C5F



A60038



26000D

Previews

White Background



This preview shows how the Hex color 557DCB looks on a white background.

Color Contrast Check

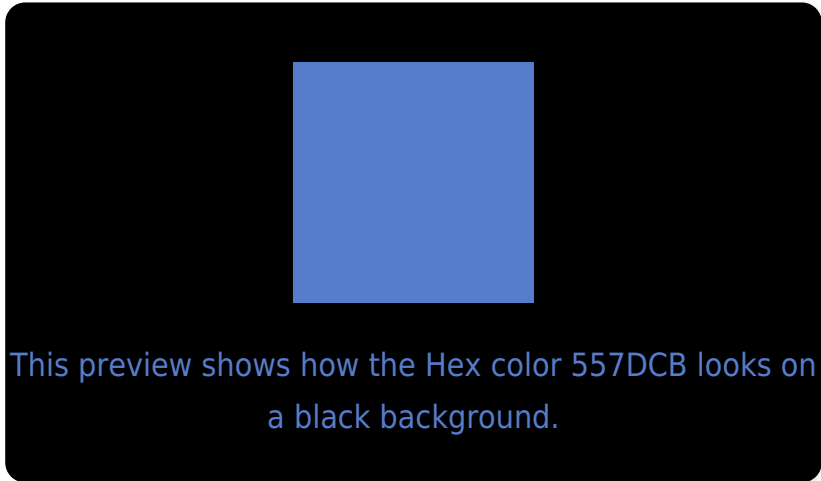
Large Text (above 18pt) WCAG AA ✓ Pass

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

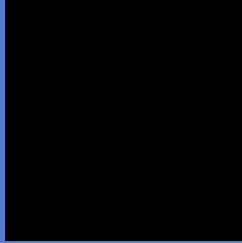
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

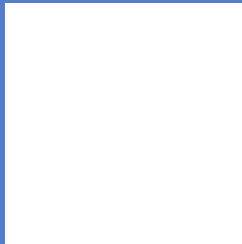
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 557DCB Background



This preview shows how black text looks on a background with the Hex color 557DCB.



This preview shows how white text looks on a background with the Hex color 557DCB.

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
557DCB

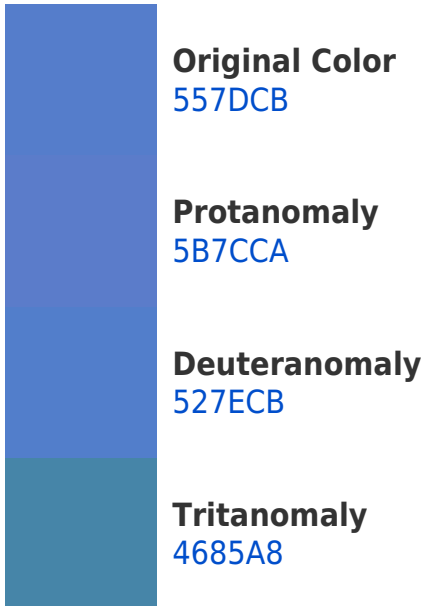
Protanopia
5F7BC9

Deuteranopia
507ECB

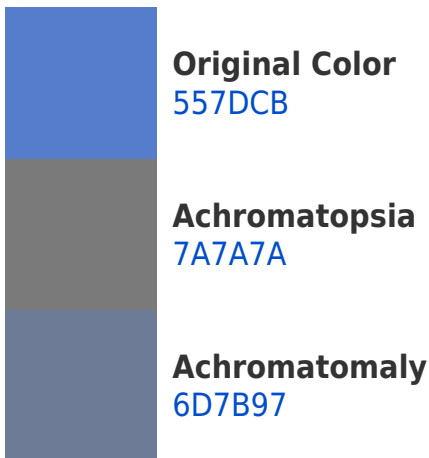


Tritanopia
3E8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 557DCB 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 #557DCB looks like.

```
.text, #text, p{  
    color:#557DCB  
}
```

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 #557DCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557DCB
}
```

Border

The CSS property to change the border of an element to Hex 557DCB 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
#557DCB }
```

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

```
.border{ border-color:#557DCB }
```

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

Here you see how a box with a 4 pixel #557DCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557DCB; -webkit-box-shadow:4px 4px  
4px 4px #557DCB; box-shadow:4px 4px 4px  
4px #557DCB }
```

Background

The CSS property to change the background color of an element to Hex 557DCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557DCB }
```

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

```
.background{ background-color:#557DCB }
```

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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