

Converting Colors

Hex(5690D8)

Have a look what the booklet for
Hex(5690D8) contains.

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Color

Hex(5690D8)

Conversions

Conversions Part 1	
Format	Color
Hex	5690D8
RGB	86, 144, 216
RGB Percent	34%, 56%, 85%
CMY	0.6627, 0.4353, 0.1529
CMYK	0.60, 0.33, 0.00, 0.15
HSL	213°, 62%, 59%
HSV	213°, 60%, 85%
XYZ	26.2057, 26.8828, 68.7735
YIQ	134.8660, -57.6800, 10.0960

Conversions

Conversions Part 2

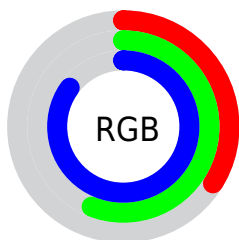
Format	Color
RYB	86, 126, 216
Decimal	5673176
CIELab	58.87, 2.73, -42.52
CIELCh	59, 42.609, 273.676
Yxy	26.8828, 0.2150, 0.2206
Android (android.graphics.Color)	4283863256 (0xFF5690D8)
YUV	134.8660, 39.9991, -42.8555
Hunter-Lab	51.8486, -0.5165, -42.3498

Details

The Hex color **5690D8** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **D89E56**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **91C6FF**, and **005EA1** is the 20% darker color. If you saturate the color by 10%, you get **4084D8**, and if you desaturate by 10%, it is **6C9CD8**.

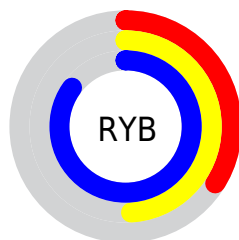
Distribution



Red (34%)

Green (56%)

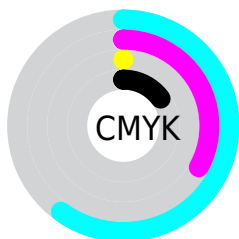
Blue (85%)



Red (34%)

Yellow (49%)

Blue (85%)

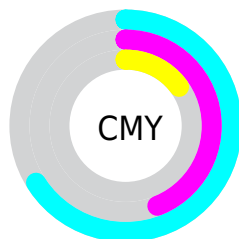


Cyan (60%)

Magenta (33%)

Yellow (0%)

Black (15%)



Cyan (66%)

Magenta (44%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5690D8 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 5690D8 by changing the saturation by 10% instead.

 5690D8

FFFFFF

 91C6FF

 AEE1FF

 CCFEFF

 EAFFFF

 5690D8

 3577BC

 005EA1

 004786

 00316D

 001D54

 00063C

 000226

 00010E

 000000

 5690D8

 5690D8

 4084D8

 6C9CD8

 2B78D8

 81A8D8

 156CD8

 97B4D8

 0060D8

 ACC0D8

 C2CCD8

 D8D8D8

 EDE4D8

 FFF0D8

 FFFCD8

Harmonies

Analogous

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



009AD0



5690D8



9782CC

Triad

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



5690D8



D17366



479E6B

Complementary

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



5690D8



D89E56

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.



79984D



5690D8



BF804B

Square

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



5690D8



D36E8A



A08D41



00A191

Rectangle

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



5690D8



B479BA



A08D41



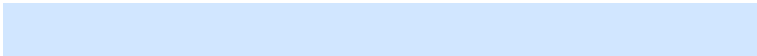
5A9C60

Sweetspot

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



5690D8



D1E6FF



56D89D



637080



000000



808080

Same Dimension

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



5690D8



4799FF



5D56D8



60656B



004CAB



00132B

Inverse Universe

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



D85690



FF4799



D2D856



6B6065



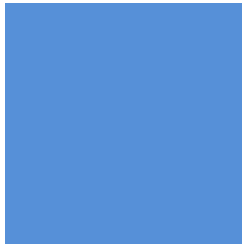
AB004C



2B0013

Previews

White Background



This preview shows how the Hex color 5690D8 looks on a white background.

Color Contrast Check

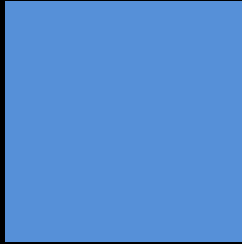
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 5690D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

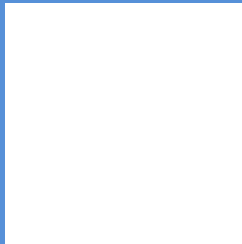
Any Text WCAG AAA × Fail

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

Hex 5690D8 Background



This preview shows how black text looks on a background with the Hex color 5690D8.

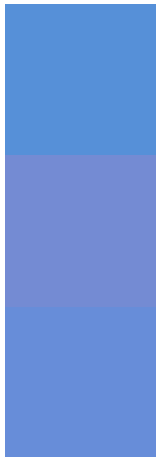


This preview shows how white text looks on a background with the Hex color 5690D8.

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](#).

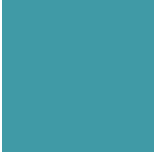
Dichromacy



Original Color
5690D8

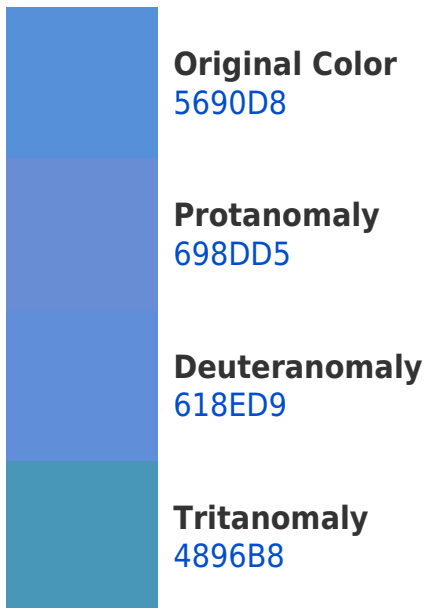
Protanopia
748BD3

Deuteranopia
678DD9



Tritanopia
409AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5690D8 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 #5690D8 looks like.

```
.text, #text, p{  
    color:#5690D8  
}
```

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 #5690D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5690D8
}
```

Border

The CSS property to change the border of an element to Hex 5690D8 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
#5690D8 }
```

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

```
.border{ border-color:#5690D8 }
```

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

Here you see how a box with a 4 pixel #5690D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5690D8; -webkit-box-shadow:4px 4px  
4px 4px #5690D8; box-shadow:4px 4px 4px  
4px #5690D8 }
```

Background

The CSS property to change the background color of an element to Hex 5690D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5690D8 }
```

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

```
.background{ background-color:#5690D8 }
```

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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