

Converting Colors

Hex(6689B7)

Have a look what the booklet for
Hex(6689B7) contains.

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Color

Hex(6689B7)

Conversions

Conversions Part 1

Format	Color
Hex	6689B7
RGB	102, 137, 183
RGB Percent	40%, 54%, 72%
CMY	0.6000, 0.4627, 0.2824
CMYK	0.44, 0.25, 0.00, 0.28
HSL	214°, 36%, 56%
HSV	214°, 44%, 72%
XYZ	22.9724, 24.1350, 48.2475
YIQ	131.7790, -35.6260, 6.8860

Conversions

Conversions Part 2

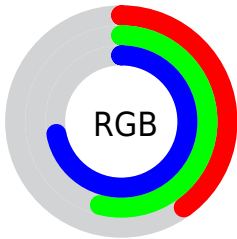
Format	Color
R_{YB}	102, 126, 183
Decimal	6719927
CIE _{Lab}	56.22, 0.15, -27.95
CIE _{LCh}	56, 27.955, 270.304
Yxy	24.1350, 0.2409, 0.2531
Android (android.graphics.Color)	4284910007 (0xFF6689B7)
YUV	131.7790, 25.2520, -26.1162
Hunter-Lab	49.1274, -2.5048, -23.8389

Details

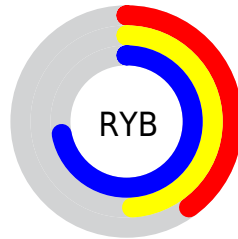
The Hex color **6689B7** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B79466**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **9CBEEF**, and **305782** is the 20% darker color. If you saturate the color by 10%, you get **547FB7**, and if you desaturate by 10%, it is **7893B7**.

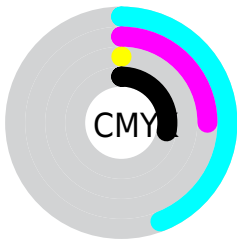
Distribution



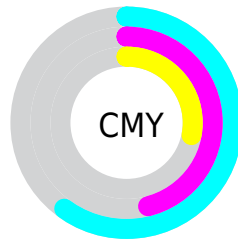
- Red (40%)
- Green (54%)
- Blue (72%)



- Red (40%)
- Yellow (49%)
- Blue (72%)



- Cyan (44%)
- Magenta (25%)
- Yellow (0%)
- Black (28%)



- Cyan (60%)
- Magenta (46%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6689B7 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 6689B7 by changing the saturation by 10% instead.

■ 6689B7

■ 6689B7

FFFFFF

■ 4B709C

■ 9CBEEF

■ 305782

■ B8DAFF

■ 104069

■ D5F6FF

■ 002B50

■ F2FFFF

■ 001639

■ 000223

■ 00000A

■ 000000

■ 6689B7

■ 6689B7

■ 547FB7

■ 7893B7

■ 4174B7

■ 8B9EB7

■ 2F6AB7

■ 9DA8B7

■ 1D5FB7

■ AFB3B7

■ 0B55B7

■ C2BDB7

■ 004FB7

■ D4C7B7

■ E6D2B7

■ F8DCB7

■ FFE7B7

Harmonies

Analogous

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



4290B0



6689B7



8A80B1

Triad

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



6689B7



B6766F



61926E

Complementary

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



6689B7



B79466

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.



7E8D5C



6689B7



AB7D5D

Square

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



6689B7



B57487



978556



449486

Rectangle

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



6689B7



9E7BA6



978556



6B9067

Sweetspot

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



6689B7



CEDCED



66B794



656D78



F7F7F7



787878

Same Dimension

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



6689B7



6FA6ED



6B66B7



53575C



00439C



000C1C

Inverse Universe

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



B76689



ED6FA6



B2B766



5C5357



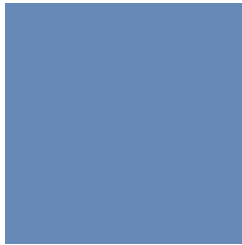
9C0043



1C000C

Previews

White Background



This preview shows how the Hex color 6689B7 looks on a white background.

Color Contrast Check

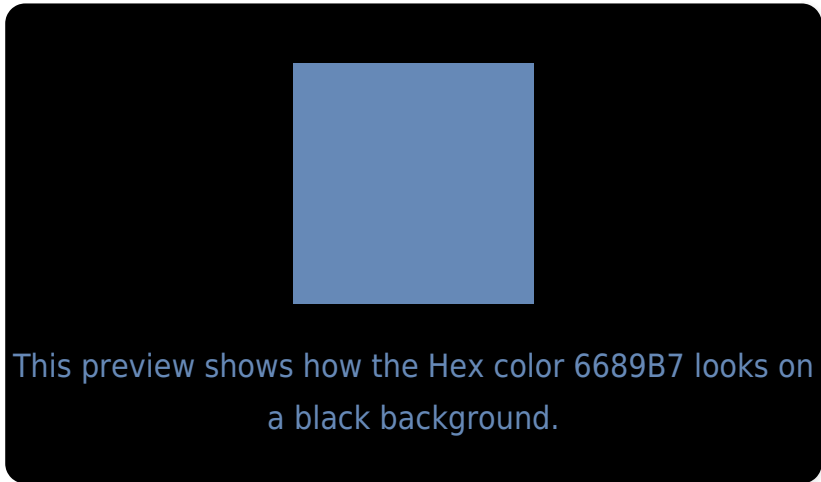
Large Text (above 18pt) WCAG AA ✓ Pass

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

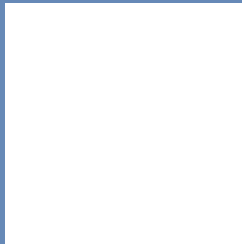
Any Text WCAG AAA × Fail

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

Hex 6689B7 Background



This preview shows how black text looks on a background with the Hex color 6689B7.



This preview shows how white text looks on a background with the Hex color 6689B7.

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](#).

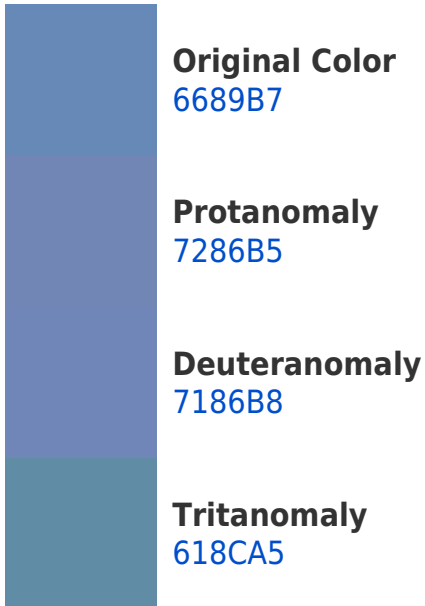
Dichromacy





Tritanopia
5E8E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6689B7 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 #6689B7 looks like.

```
.text, #text, p{  
    color:#6689B7  
}
```

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 #6689B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6689B7
}
```

Border

The CSS property to change the border of an element to Hex 6689B7 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
#6689B7 }
```

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

```
.border{ border-color:#6689B7 }
```

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

Here you see how a box with a 4 pixel #6689B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6689B7; -webkit-box-shadow:4px 4px  
4px 4px #6689B7; box-shadow:4px 4px 4px  
4px #6689B7 }
```

Background

The CSS property to change the background color of an element to Hex 6689B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6689B7 }
```

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

```
.background{ background-color:#6689B7 }
```

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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