

Converting Colors

Hex(6784D3)

Have a look what the booklet for
Hex(6784D3) contains.

Hex(6784D3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6784D3)

Conversions

Conversions Part 1

Format	Color
Hex	6784D3
RGB	103, 132, 211
RGB Percent	40%, 52%, 83%
CMY	0.5961, 0.4824, 0.1725
CMYK	0.51, 0.37, 0.00, 0.17
HSL	224°, 55%, 62%
HSV	224°, 51%, 83%
XYZ	25.6027, 24.0892, 64.9283
YIQ	132.3350, -42.6430, 18.4210

Conversions

Conversions Part 2

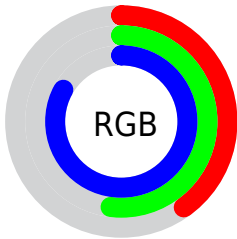
Format	Color
RYB	103, 126, 211
Decimal	6784211
CIELab	56.18, 11.81, -43.90
CIELCh	56, 45.457, 285.052
Yxy	24.0892, 0.2234, 0.2102
Android (android.graphics.Color)	4284974291 (0xFF6784D3)
YUV	132.3350, 38.7818, -25.7268
Hunter-Lab	49.0808, 7.2219, -44.0774

Details

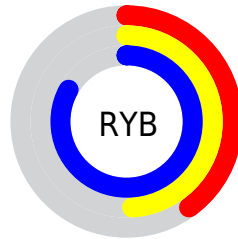
The Hex color **6784D3** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **D3B667**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A0B9FF**, and **2B539C** is the 20% darker color. If you saturate the color by 10%, you get **5275D3**, and if you desaturate by 10%, it is **7C93D3**.

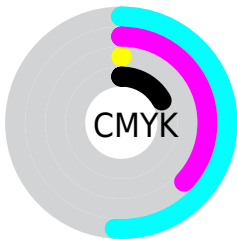
Distribution



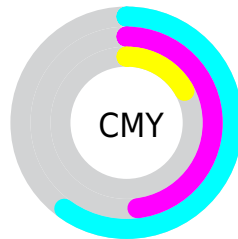
- Red (40%)
- Green (52%)
- Blue (83%)



- Red (40%)
- Yellow (49%)
- Blue (83%)



- Cyan (51%)
- Magenta (37%)
- Yellow (0%)
- Black (17%)



- Cyan (60%)
- Magenta (48%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6784D3 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 6784D3 by changing the saturation by 10% instead.

■ 6784D3

■ 6784D3

FFFFFF

■ 4A6BB7

■ A0B9FF

■ 2B539C

■ BCD4FF

■ 003C82

■ DAF1FF

■ 002768

■ F7FFFF

■ 00144F

■ 000538

■ 000221

■ 000007

■ 000000

■ 6784D3

■ 6784D3

■ 5275D3

■ 7C93D3

■ 3D65D3

■ 91A3D3

■ 2856D3

■ A6B2D3

■ 1346D3

■ BBC2D3

■ 0039D3

■ D1D1D3

■ E6E1D3

■ FBF0D3

■ FFFFD3

Harmonies

Analogous

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



0091D3



6784D3



A374BF

Triad

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



6784D3



C76F50



089971

Complementary

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



6784D3



D3B667

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.



5E944D



6784D3



AE7E38

Square

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



6784D3



D16574



8A8B36



009B9A

Rectangle

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



6784D3



BD6BA9



8A8B36



349864

Sweetspot

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



6784D3



D9E3FF



67D3B4



696F80



000000



808080

Same Dimension

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



6784D3



638DFF



7E67D3



5E6169



002DA8



000B29

Inverse Universe

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



D36784



FF638D



BCD367



695E61



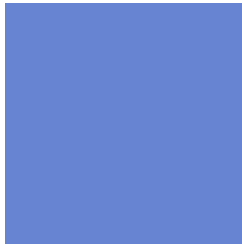
A8002D



29000B

Previews

White Background



This preview shows how the Hex color 6784D3 looks on a white background.

Color Contrast Check

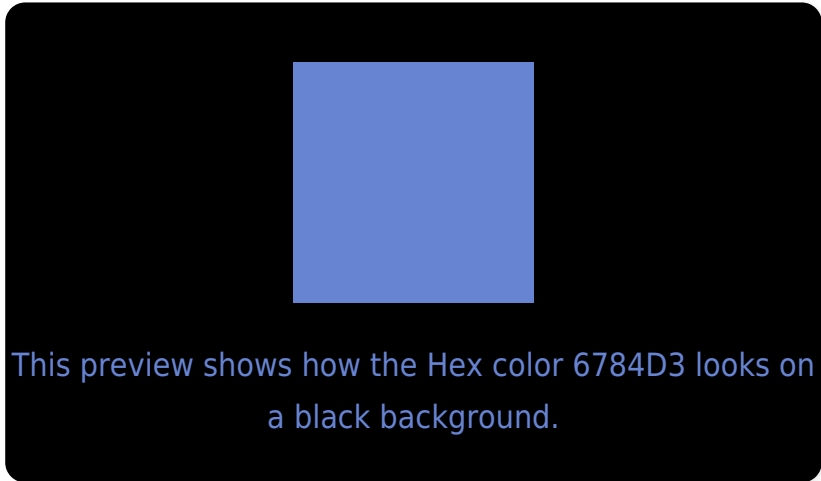
Large Text (above 18pt) WCAG AA ✓ Pass

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 6784D3 Background



This preview shows how black text looks on a background with the Hex color 6784D3.

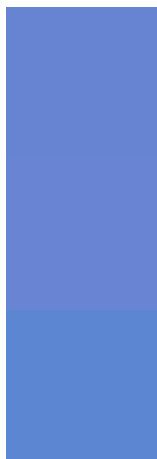


This preview shows how white text looks on a background with the Hex color 6784D3.

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
6784D3

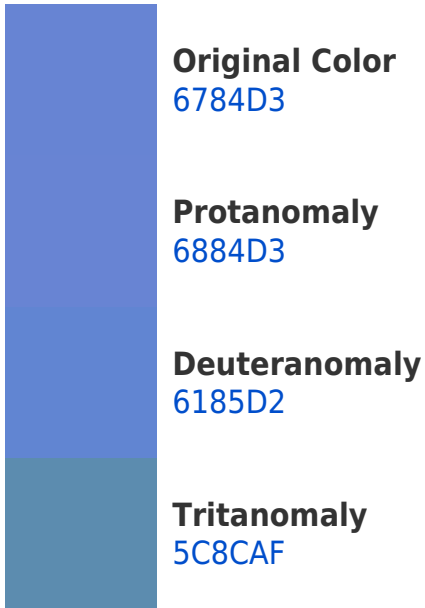
Protanopia
6984D3

Deuteranopia
5D86D2



Tritanopia
55909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6784D3 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 #6784D3 looks like.

```
.text, #text, p{  
    color:#6784D3  
}
```

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 #6784D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6784D3
}
```

Border

The CSS property to change the border of an element to Hex 6784D3 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
#6784D3 }
```

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

```
.border{ border-color:#6784D3 }
```

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

Here you see how a box with a 4 pixel #6784D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6784D3; -webkit-box-shadow:4px 4px  
4px 4px #6784D3; box-shadow:4px 4px 4px  
4px #6784D3 }
```

Background

The CSS property to change the background color of an element to Hex 6784D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6784D3 }
```

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

```
.background{ background-color:#6784D3 }
```

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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