

Converting Colors

Hex(6580A4)

Have a look what the booklet for
Hex(6580A4) contains.

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Color

Hex(6580A4)

Conversions

Conversions Part 1

Format	Color
Hex	6580A4
RGB	101, 128, 164
RGB Percent	40%, 50%, 64%
CMY	0.6039, 0.4980, 0.3569
CMYK	0.38, 0.22, 0.00, 0.36
HSL	214°, 26%, 52%
HSV	214°, 38%, 64%
XYZ	19.7868, 20.8854, 38.1104
YIQ	124.0310, -27.6480, 5.4720

Conversions

Conversions Part 2

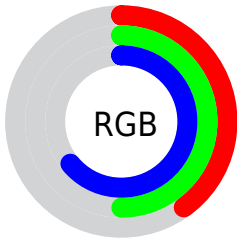
Format	Color
R_{YB}	101, 120, 164
Decimal	6652068
CIE _{Lab}	52.82, -0.32, -22.29
CIE _{LCh}	53, 22.288, 269.178
Yxy	20.8854, 0.2512, 0.2651
Android (android.graphics.Color)	4284842148 (0xFF6580A4)
YUV	124.0310, 19.7047, -20.1982
Hunter-Lab	45.7005, -2.6912, -17.4525

Details

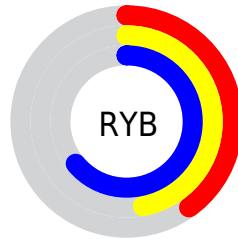
The Hex color **6580A4** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A48965**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **9AB5DB**, and **324F70** is the 20% darker color. If you saturate the color by 10%, you get **5577A4**, and if you desaturate by 10%, it is **7589A4**.

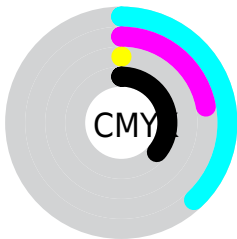
Distribution



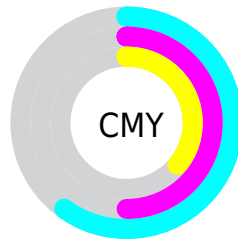
- Red (40%)
- Green (50%)
- Blue (64%)



- Red (40%)
- Yellow (47%)
- Blue (64%)



- Cyan (38%)
- Magenta (22%)
- Yellow (0%)
- Black (36%)



- Cyan (60%)
- Magenta (50%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6580A4 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 6580A4 by changing the saturation by 10% instead.



6580A4



6580A4

FFFFFF



4B678A



9AB5DB



324F70



B5D0F8



183858



D1ECFF



002340



EEFFFF



000D2A



000115



000000



6580A4



6580A4



5577A4



7589A4

■ 446DA4

■ 8693A4

■ 3464A4

■ 969CA4

■ 235BA4

■ A7A5A4

■ 1351A4

■ B7AFA4

■ 0348A4

■ C7B8A4

■ 0046A4

■ D8C2A4

■ E8CBA4

■ F9D4A4

Harmonies

Analogous

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



4C859E



6580A4



80799F

Triad

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



6580A4



A4716C



62876A

Complementary

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



6580A4



A48965

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.



78835C



6580A4



9C765E

Square

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



6580A4



A3707F



8C7D58



4E897D

Rectangle

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



6580A4



907597



8C7D58



698665

Sweetspot

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



6580A4



BCC8D6



65A489



5C636B



EBEBEB



6B6B6B

Same Dimension

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



6580A4



749ED6



6965A4



494D52



003E91



000812

Inverse Universe

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



A46580



D6749E



A0A465



52494D



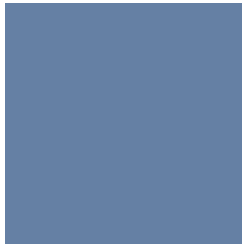
91003E



120008

Previews

White Background



This preview shows how the Hex color 6580A4 looks on a white background.

Color Contrast Check

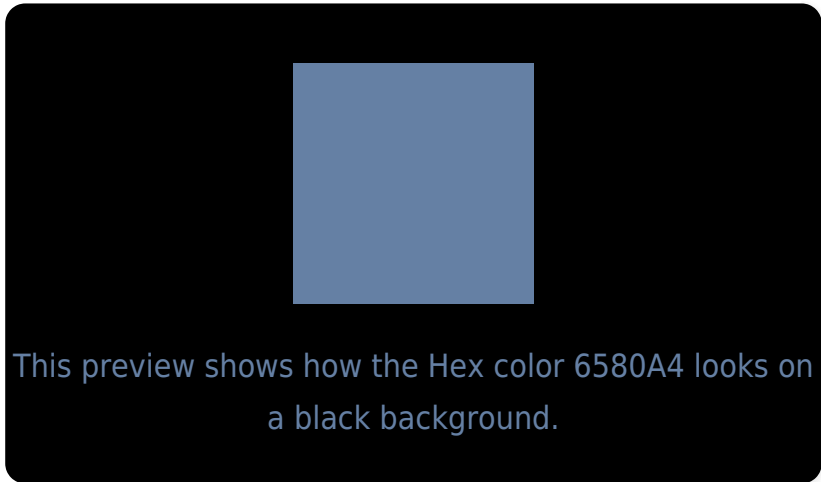
Large Text (above 18pt) WCAG AA ✓ Pass

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

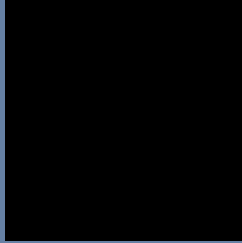
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

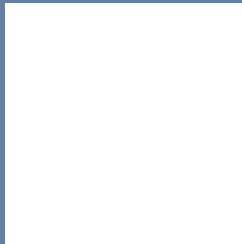
Any Text WCAG AAA × Fail

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

Hex 6580A4 Background



This preview shows how black text looks on a background with the Hex color 6580A4.

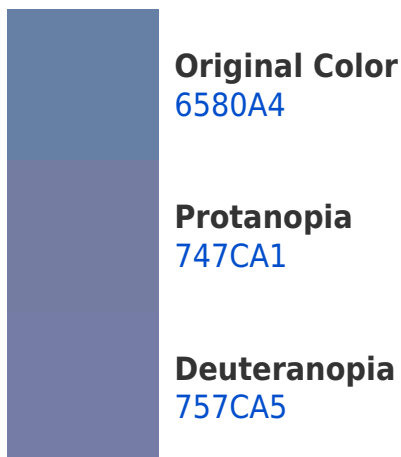


This preview shows how white text looks on a background with the Hex color 6580A4.

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](#).

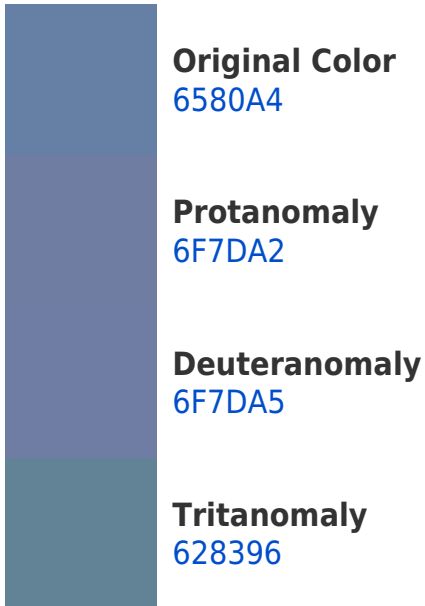
Dichromacy



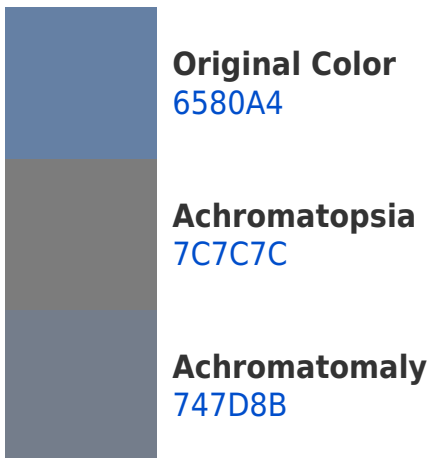


Tritanopia
60848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6580A4 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 #6580A4 looks like.

```
.text, #text, p{  
    color:#6580A4  
}
```

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 #6580A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6580A4  
}
```

Border

The CSS property to change the border of an element to Hex 6580A4 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  
#6580A4 }
```

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

```
.border{ border-color:#6580A4 }
```

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

Here you see how a box with a 4 pixel #6580A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6580A4; -webkit-box-shadow:4px 4px  
4px 4px #6580A4; box-shadow:4px 4px 4px  
4px #6580A4 }
```

Background

The CSS property to change the background color of an element to Hex 6580A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6580A4 }
```

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

```
.background{ background-color:#6580A4 }
```

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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