

# Converting Colors

Hex(6087B5)

Have a look what the booklet for  
Hex(6087B5) contains.

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# Color

**Hex(6087B5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6087B5
RGB	96, 135, 181
RGB Percent	38%, 53%, 71%
CMY	0.6235, 0.4706, 0.2902
CMYK	0.47, 0.25, 0.00, 0.29
HSL	212°, 36%, 54%
HSV	212°, 47%, 71%
XYZ	21.8283, 23.1509, 47.0342
YIQ	128.5830, -38.0100, 6.0380

# Conversions

## Conversions Part 2

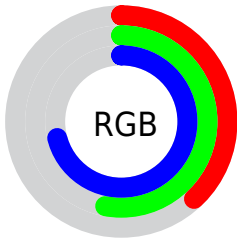
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	96, 123, 181
Decimal	6326197
CIE Lab	55.23, -0.82, -28.38
CIE LCh	55, 28.393, 268.344
Yxy	23.1509, 0.2372, 0.2516
Android (android.graphics.Color)	4284516277 (0xFF6087B5)
YUV	128.5830, 25.8416, -28.5753
Hunter-Lab	48.1154, -3.2226, -24.2768

# Details

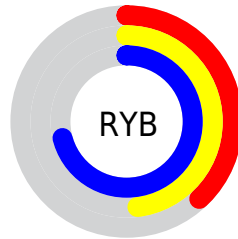
The Hex color **6087B5** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B58E60**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **96BCED**, and **295680** is the 20% darker color. If you saturate the color by 10%, you get **4E7DB5**, and if you desaturate by 10%, it is **7291B5**.

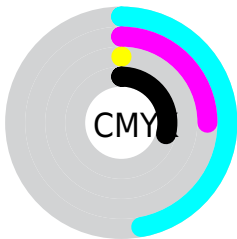
# Distribution



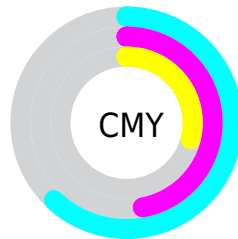
- Red (38%)
- Green (53%)
- Blue (71%)



- Red (38%)
- Yellow (48%)
- Blue (71%)



- Cyan (47%)
- Magenta (25%)
- Yellow (0%)
- Black (29%)



- Cyan (62%)
- Magenta (47%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6087B5 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 6087B5 by changing the saturation by 10% instead.





6087B5



6087B5

FFFFFF



456E9A



96BCED



295680



B2D8FF



023F67



CFF4FF



00294E



ECFFFF



001537



000222



000007



000000



6087B5



6087B5

■ 4E7DB5

■ 7291B5

■ 3C73B5

■ 849BB5

■ 2A6AB5

■ 96A4B5

■ 1860B5

■ A8AEB5

■ 0556B5

■ BBB8B5

■ 0053B5

■ CDC2B5

■ DFCCB5

■ F1D5B5

■ FFDFB5

# Harmonies

## Analogous

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



3A8EAD



6087B5



857EAF

# Triad

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



6087B5



B4736E



608F6A

# Complementary

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



6087B5



B58E60

# 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.



7D8A58



6087B5



AA7A5B

# Square

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



6087B5



B27287



968253



429182

# Rectangle

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



6087B5



9A79A5



968253



6A8E63



# Sweetspot

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



6087B5



CAD9EB



60B58D



616B75



F5F5F5



757575



# Same Dimension

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



6087B5



67A4EB



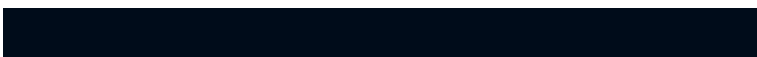
6360B5



505459



004699



000C1A



# Inverse Universe

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



B56087



EB67A4



B2B560



595054



990046

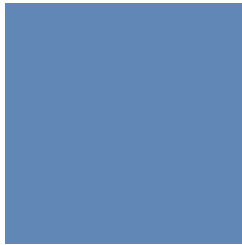


1A000C



# Previews

## White Background



This preview shows how the Hex color 6087B5 looks on a white background.

## Color Contrast Check

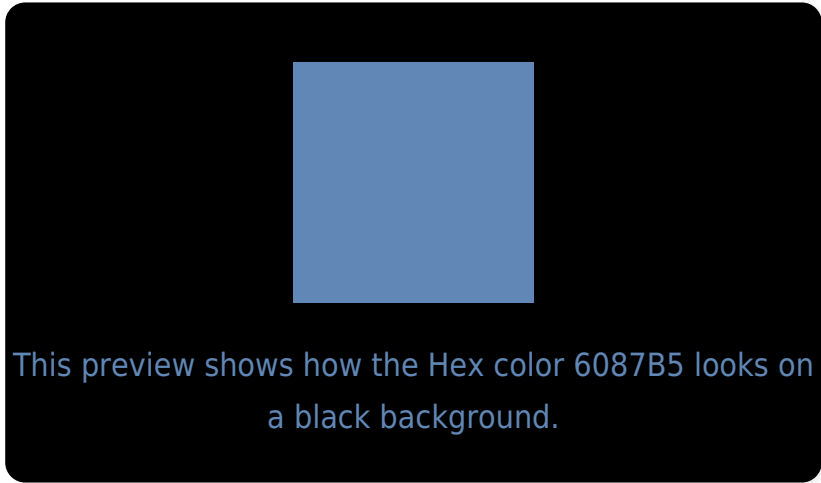
Large Text (above 18pt) WCAG AA ✓ Pass

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

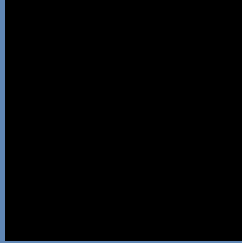
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

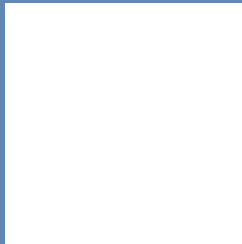
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6087B5 Background



This preview shows how black text looks on a background with the Hex color 6087B5.



This preview shows how white text looks on a background with the Hex color 6087B5.

# 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](#).

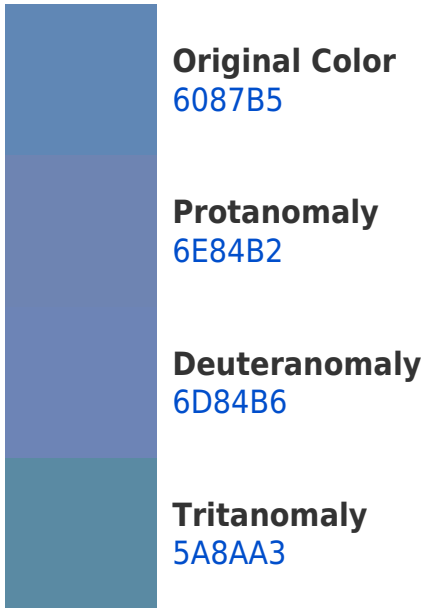
## Dichromacy



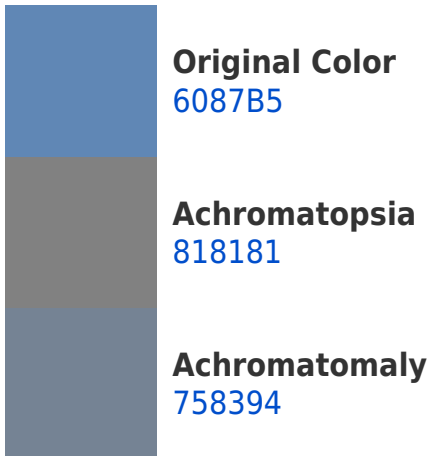


**Tritanopia**  
578C98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6087B5 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 #6087B5 looks like.

```
.text, #text, p{  
    color:#6087B5  
}
```

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 #6087B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6087B5
}
```

## Border

The CSS property to change the border of an element to Hex 6087B5 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
#6087B5 }
```

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

```
.border{ border-color:#6087B5 }
```

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

Here you see how a box with a 4 pixel #6087B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6087B5; -webkit-box-shadow:4px 4px  
4px 4px #6087B5; box-shadow:4px 4px 4px  
4px #6087B5 }
```

# Background

The CSS property to change the background color of an element to Hex 6087B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6087B5 }
```

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

```
.background{ background-color:#6087B5 }
```

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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