

# Converting Colors

Hex(6286D8)

Have a look what the booklet for  
Hex(6286D8) contains.

<b>Hex(6286D8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(6286D8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6286D8
RGB	98, 134, 216
RGB Percent	38%, 53%, 85%
CMY	0.6157, 0.4745, 0.1529
CMYK	0.55, 0.38, 0.00, 0.15
HSL	222°, 60%, 62%
HSV	222°, 55%, 85%
XYZ	25.9568, 24.6047, 68.3469
YIQ	132.5840, -47.7780, 17.8700

# Conversions

## Conversions Part 2

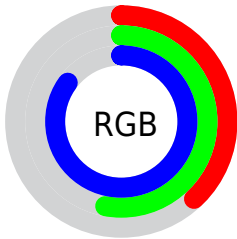
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 126, 216
Decimal	6457048
CIE <sub>Lab</sub>	56.69, 11.08, -45.92
CIE <sub>LCh</sub>	57, 47.238, 283.570
Yxy	24.6047, 0.2183, 0.2069
Android (android.graphics.Color)	4284647128 (0xFF6286D8)
YUV	132.5840, 41.1241, -30.3302
Hunter-Lab	49.6032, 6.6015, -46.9719

# Details

The Hex color **6286D8** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **D8B462**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **9CBBFF**, and **2155A1** is the 20% darker color. If you saturate the color by 10%, you get **4C77D8**, and if you desaturate by 10%, it is **7895D8**.

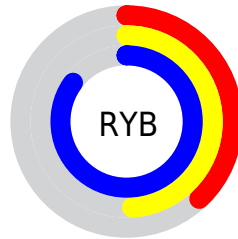
# Distribution



Red (38%)

Green (53%)

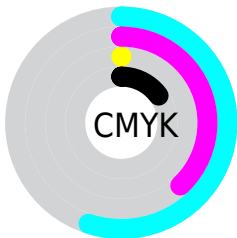
Blue (85%)



Red (38%)

Yellow (49%)

Blue (85%)

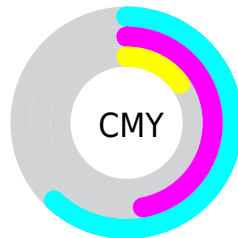


Cyan (55%)

Magenta (38%)

Yellow (0%)

Black (15%)



Cyan (62%)

Magenta (47%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6286D8 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 6286D8 by changing the saturation by 10% instead.



 6286D8

 6286D8

FFFFFF

 446DBC

 9CBBFF

 2155A1

 B9D6FF

 003E86

 D6F3FF

 00296C

 F4FFFF

 001653

 00063C

 000225

 00010E

 000000

■ 6286D8

■ 6286D8

■ 4C77D8

■ 7895D8

■ 3768D8

■ 8DA4D8

■ 2159D8

■ A3B3D8

■ 0C4AD8

■ B8C2D8

■ 0042D8

■ CED1D8

■ E4E0D8

■ F9EFD8

■ FFFED8

■ FFFFD8

# Harmonies

## Analogous

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



0093D6



6286D8



A376C4

# Triad

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



6286D8



CC6E51



039B6F

# Complementary

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



6286D8



D8B462

# 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.



60964A



6286D8



B27E37

# Square

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



6286D8



D56477



8D8C33



009D9A

# Rectangle

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



6286D8



BE6BAD



8D8C33



359A62



# Sweetspot

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



6286D8



D6E3FF



62D8B3



676F80



000000



808080



# Same Dimension

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



6286D8



578AFF



7862D8



60646B



0034AB



000D2B



# Inverse Universe

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



D86286



FF578A



C2D862



6B6064



AB0034

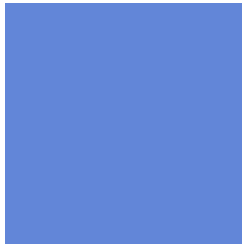


2B000D



# Previews

## White Background



This preview shows how the Hex color 6286D8 looks on a white background.

## Color Contrast Check

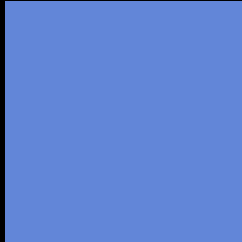
Large Text (above 18pt) WCAG AA ✓ Pass

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 6286D8 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 6286D8 Background



This preview shows how black text looks on a background with the Hex color 6286D8.

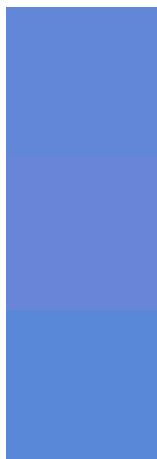


This preview shows how white text looks on a background with the Hex color 6286D8.

# 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**  
6286D8

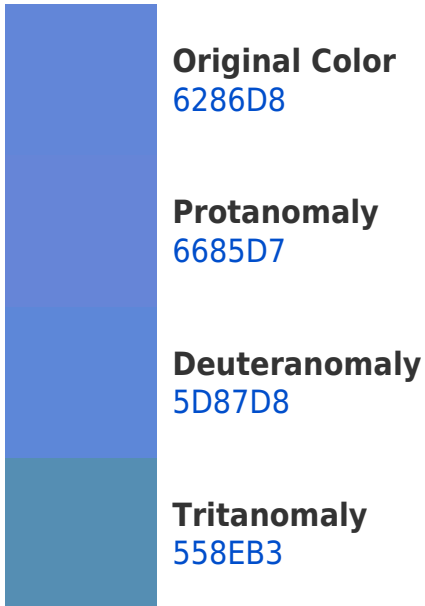
**Protanopia**  
6885D7

**Deuteranopia**  
5A88D8



**Tritanopia**  
4D929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6286D8 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 #6286D8 looks like.

```
.text, #text, p{  
    color:#6286D8  
}
```

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 #6286D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6286D8  
}
```

## Border

The CSS property to change the border of an element to Hex 6286D8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

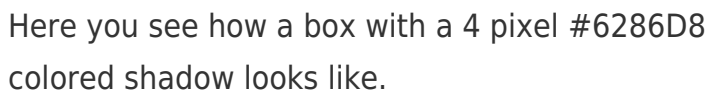
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6286D8 }
```

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

```
.border{ border-color:#6286D8 }
```

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



Here you see how a box with a 4 pixel #6286D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6286D8; -webkit-box-shadow:4px 4px  
4px 4px #6286D8; box-shadow:4px 4px 4px  
4px #6286D8 }
```

# Background

The CSS property to change the background color of an element to Hex 6286D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6286D8 }
```

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

```
.background{ background-color:#6286D8 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor