

Converting Colors

Hex(6582D5)

Have a look what the booklet for
Hex(6582D5) contains.

Hex(6582D5)	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(6582D5)

Conversions

Conversions Part 1

Format	Color
Hex	6582D5
RGB	101, 130, 213
RGB Percent	40%, 51%, 84%
CMY	0.6039, 0.4902, 0.1647
CMYK	0.53, 0.39, 0.00, 0.16
HSL	224°, 57%, 62%
HSV	224°, 53%, 84%
XYZ	25.3597, 23.5361, 66.1571
YIQ	130.7910, -43.9270, 19.6650

Conversions

Conversions Part 2

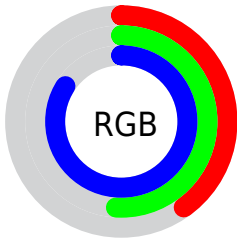
Format	Color
R _Y B	101, 124, 213
Decimal	6652629
CIE Lab	55.62, 13.18, -45.91
CIE LCh	56, 47.767, 286.017
Yxy	23.5361, 0.2204, 0.2046
Android (android.graphics.Color)	4284842709 (0xFF6582D5)
YUV	130.7910, 40.5290, -26.1267
Hunter-Lab	48.5140, 8.4078, -46.8923

Details

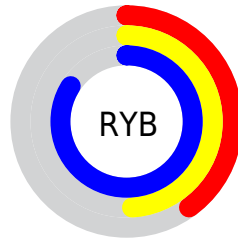
The Hex color **6582D5** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **D5B865**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **9EB7FF**, and **27519E** is the 20% darker color. If you saturate the color by 10%, you get **5072D5**, and if you desaturate by 10%, it is **7A92D5**.

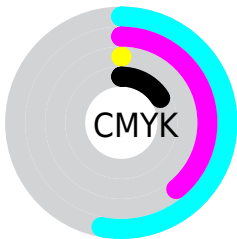
Distribution



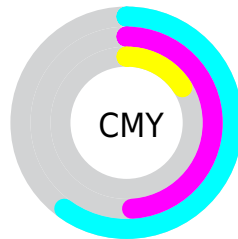
- Red (40%)
- Green (51%)
- Blue (84%)



- Red (40%)
- Yellow (49%)
- Blue (84%)



- Cyan (53%)
- Magenta (39%)
- Yellow (0%)
- Black (16%)



- Cyan (60%)
- Magenta (49%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6582D5 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 6582D5 by changing the saturation by 10% instead.

■ 6582D5

■ 6582D5

FFFFFF

■ 4869B9

■ 9EB7FF

■ 27519E

■ BBD2FF

■ 003B83

■ D8EEFF

■ 00266A

■ F6FFFF

■ 001251

■ 000539

■ 000223

■ 000009

■ 000000

■ 6582D5

■ 6582D5

■ 5072D5

■ 7A92D5

■ 3A62D5

■ 90A2D5

■ 2553D5

■ A5B1D5

■ 1043D5

■ BAC1D5

■ 0037D5

■ D0D1D5

■ E5E1D5

■ FAF0D5

■ FFFFD5

Harmonies

Analogous

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



008FD5



6582D5



A471BF

Triad

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



6582D5



C86C4B



009970

Complementary

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



6582D5



D5B865

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.



589349



6582D5



AD7C32

Square

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



6582D5



D26171



878A30



009A9B

Rectangle

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



6582D5



BF67A8



878A30



279762

Sweetspot

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



6582D5



D6E1FF



65D5B7



676E80



000000



808080

Same Dimension

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



6582D5



5E88FF



7F65D5



60636B



002CAB



000B2B

Inverse Universe

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



D56582



FF5E88



BBD565



6B6063



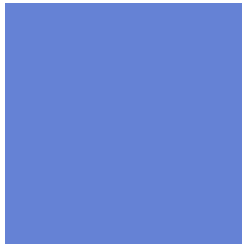
AB002C



2B000B

Previews

White Background



This preview shows how the Hex color 6582D5 looks on a white background.

Color Contrast Check

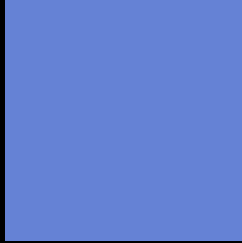
Large Text (above 18pt) WCAG AA ✓ Pass

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 6582D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

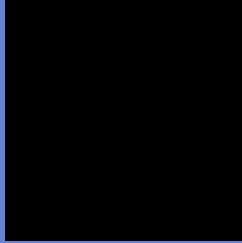
Any Text WCAG AA ✓ Pass

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 6582D5 Background



This preview shows how black text looks on a background with the Hex color 6582D5.



This preview shows how white text looks on a background with the Hex color 6582D5.

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](#).

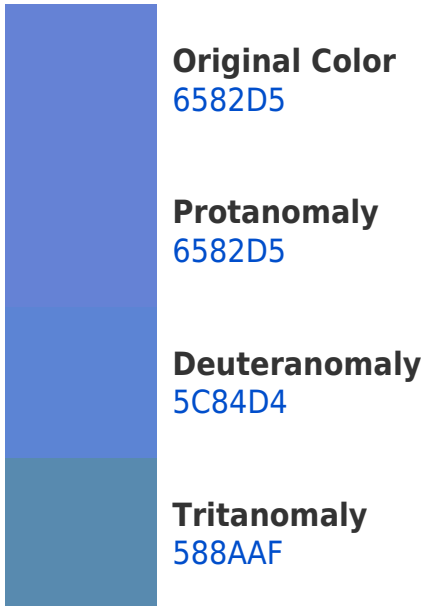
Dichromacy



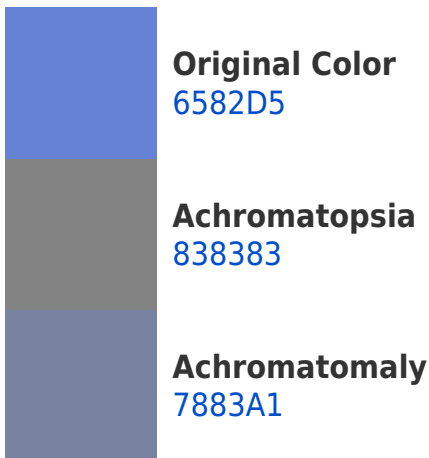


Tritanopia
518E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6582D5 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 #6582D5 looks like.

```
.text, #text, p{  
    color:#6582D5  
}
```

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 #6582D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6582D5  
}
```

Border

The CSS property to change the border of an element to Hex 6582D5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

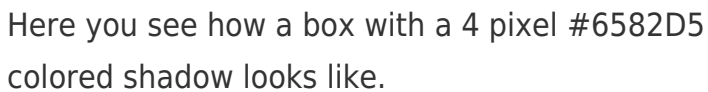
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6582D5 }
```

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

```
.border{ border-color:#6582D5 }
```

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



Here you see how a box with a 4 pixel #6582D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6582D5; -webkit-box-shadow:4px 4px  
4px 4px #6582D5; box-shadow:4px 4px 4px  
4px #6582D5 }
```

Background

The CSS property to change the background color of an element to Hex 6582D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6582D5 }
```

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

```
.background{ background-color:#6582D5 }
```

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