

Converting Colors

Hex(6378B5)

Have a look what the booklet for
Hex(6378B5) contains.

Hex(6378B5)	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(6378B5)

Conversions

Conversions Part 1

Format	Color
Hex	6378B5
RGB	99, 120, 181
RGB Percent	39%, 47%, 71%
CMY	0.6118, 0.5294, 0.2902
CMYK	0.45, 0.34, 0.00, 0.29
HSL	225°, 36%, 55%
HSV	225°, 45%, 71%
XYZ	20.2026, 19.4218, 46.4001
YIQ	120.6750, -32.0970, 14.5190

Conversions

Conversions Part 2

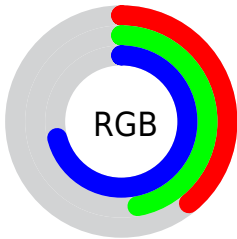
Format	Color
R _Y B	99, 116, 181
Decimal	6518965
CIE Lab	51.18, 8.84, -34.68
CIE LCh	51, 35.791, 284.299
Yxy	19.4218, 0.2348, 0.2258
Android (android.graphics.Color)	4284709045 (0xFF6378B5)
YUV	120.6750, 29.7402, -19.0090
Hunter-Lab	44.0702, 4.7048, -31.5754

Details

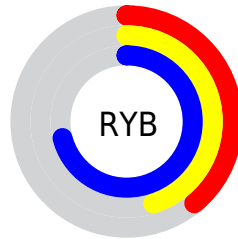
The Hex color **6378B5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B5A063**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **99ACED**, and **2D4880** is the 20% darker color. If you saturate the color by 10%, you get **516BB5**, and if you desaturate by 10%, it is **7585B5**.

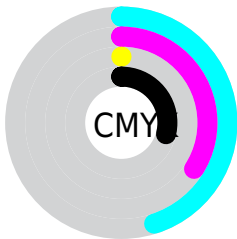
Distribution



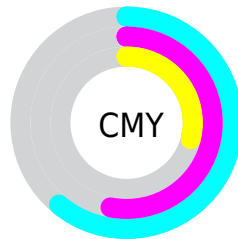
- Red (39%)
- Green (47%)
- Blue (71%)



- Red (39%)
- Yellow (45%)
- Blue (71%)



- Cyan (45%)
- Magenta (34%)
- Yellow (0%)
- Black (29%)



- Cyan (61%)
- Magenta (53%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6378B5 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 6378B5 by changing the saturation by 10% instead.

■ 6378B5

■ 6378B5

FFFFFF

■ 485F9A

■ 99ACED

■ 2D4880

■ B5C7FF

■ 0A3266

■ D2E3FF

■ 001D4E

■ EFFFFFF

■ 000237

■ 000221

■ 000005

■ 000000

■ 6378B5

■ 6378B5

■ 516BB5

■ 7585B5

■ 3F5DB5

■ 8793B5

■ 2D50B5

■ 99A0B5

■ 1B42B5

■ ABAEB5

■ 0935B5

■ BEBBB5

■ 002EB5

■ D0C9B5

■ E2D6B5

■ F4E4B5

■ FFF1B5

Harmonies

Analogous

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



1C82B4



6378B5



8F6CA6

Triad

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



6378B5



AE6851



308968

Complementary

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



6378B5



B5A063

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.



5C844D



6378B5



9A733F

Square

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



6378B5



B4616C



7E7D3D



008A88

Rectangle

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



6378B5



A46695



7E7D3D



41885E

Sweetspot

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



6378B5



CAD2EB



63B59F



616675



F5F5F5



757575

Same Dimension

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



6378B5



6C8CEB



7663B5



505359



002799



00071A

Inverse Universe

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



B56378



EB6C8C



A2B563



595053



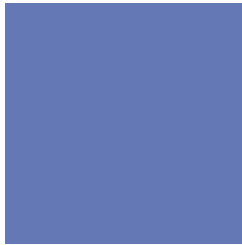
990027



1A0007

Previews

White Background



This preview shows how the Hex color 6378B5 looks on a white background.

Color Contrast Check

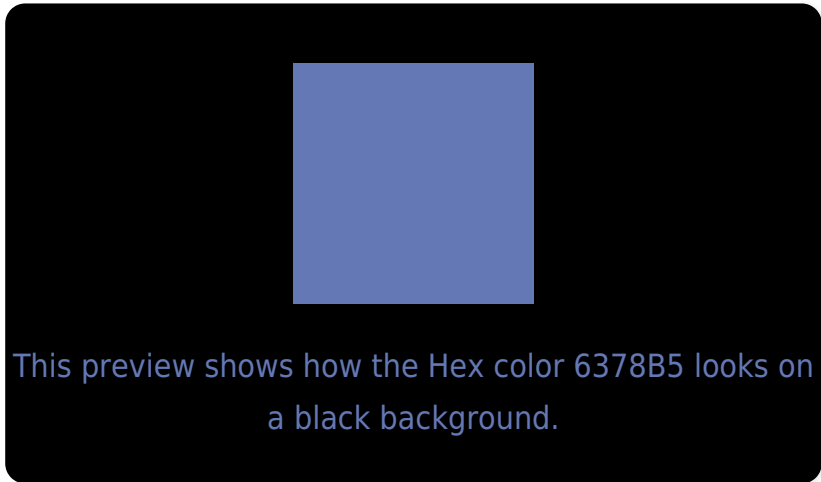
Large Text (above 18pt) WCAG AA ✓ Pass

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

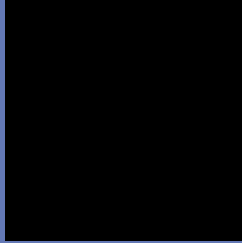
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

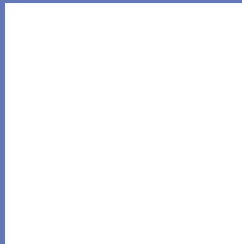
Any Text WCAG AAA × Fail

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

Hex 6378B5 Background



This preview shows how black text looks on a background with the Hex color 6378B5.



This preview shows how white text looks on a background with the Hex color 6378B5.

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
6378B5

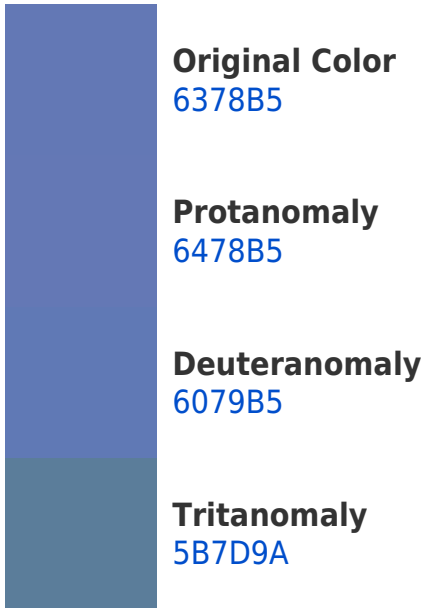
Protanopia
6578B5

Deuteranopia
5F79B5



Tritanopia
57808B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6378B5 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 #6378B5 looks like.

```
.text, #text, p{  
    color:#6378B5  
}
```

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 #6378B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6378B5
}
```

Border

The CSS property to change the border of an element to Hex 6378B5 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
#6378B5 }
```

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

```
.border{ border-color:#6378B5 }
```

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

Here you see how a box with a 4 pixel #6378B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6378B5; -webkit-box-shadow:4px 4px  
4px 4px #6378B5; box-shadow:4px 4px 4px  
4px #6378B5 }
```

Background

The CSS property to change the background color of an element to Hex 6378B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6378B5 }
```

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

```
.background{ background-color:#6378B5 }
```

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