

Converting Colors

Hex(6284CA)

Have a look what the booklet for
Hex(6284CA) contains.

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Color

Hex(6284CA)

Conversions

Conversions Part 1

Format	Color
Hex	6284CA
RGB	98, 132, 202
RGB Percent	38%, 52%, 79%
CMY	0.6157, 0.4824, 0.2078
CMYK	0.51, 0.35, 0.00, 0.21
HSL	220°, 50%, 59%
HSV	220°, 51%, 79%
XYZ	23.9489, 23.3635, 59.1245
YIQ	129.8140, -42.7340, 14.5620

Conversions

Conversions Part 2

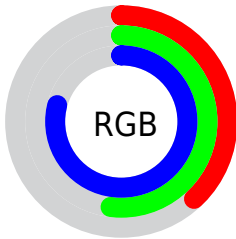
Format	Color
R_{YB}	98, 124, 202
Decimal	6456522
CIE _{Lab}	55.44, 7.85, -39.99
CIE _{LCh}	55, 40.750, 281.112
Yxy	23.3635, 0.2250, 0.2195
Android (android.graphics.Color)	4284646602 (0xFF6284CA)
YUV	129.8140, 35.5877, -27.9009
Hunter-Lab	48.3358, 3.8538, -38.6887

Details

The Hex color **6284CA** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **CAA862**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **9AB9FF**, and **265393** is the 20% darker color. If you saturate the color by 10%, you get **4E76CA**, and if you desaturate by 10%, it is **7692CA**.

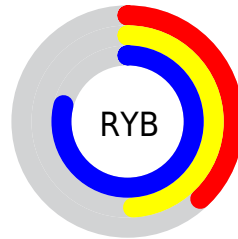
Distribution



Red (38%)

Green (52%)

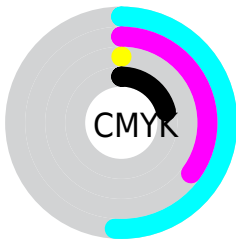
Blue (79%)



Red (38%)

Yellow (49%)

Blue (79%)

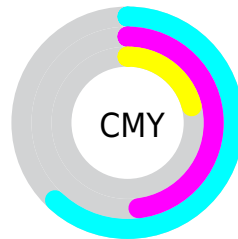


Cyan (51%)

Magenta (35%)

Yellow (0%)

Black (21%)



Cyan (62%)

Magenta (48%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6284CA 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 6284CA by changing the saturation by 10% instead.

■ 6284CA

■ 6284CA

FFFFFF

■ 466BAE

■ 9AB9FF

■ 265393

■ B7D4FF

■ 003C79

■ D4F1FF

■ 002760

■ F1FFFF

■ 001348

■ 000431

■ 00011B

■ 000000

■ 6284CA

■ 6284CA

■ 4E76CA

■ 7692CA

■ 3A69CA

■ 8A9FCA

■ 255BCA

■ 9FADCA

■ 114ECA

■ B3BACA

■ 0042CA

■ C7C8CA

■ DBD6CA

■ EFE3CA

■ FFF1CA

■ FFFECA

Harmonies

Analogous

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



008FC7



6284CA



9976BA

Triad

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



6284CA



C26E58



32956D

Complementary

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



6284CA



CAA862

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.



67904E



6284CA



AD7B41

Square

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



6284CA



C86779



8D873D



009791

Rectangle

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



6284CA



B26EA8



8D873D



479461

Sweetspot

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



6284CA



D9E5FF



62CAA7



697080



000000



808080

Same Dimension

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



6284CA



6195FF



7362CA



5C5F66



0036A6



000D26

Inverse Universe

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



CA6284



FF6195



B9CA62



665C5F



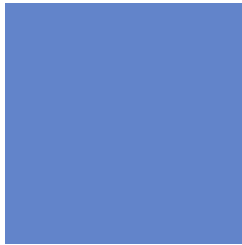
A60036



26000D

Previews

White Background



This preview shows how the Hex color 6284CA looks on a white background.

Color Contrast Check

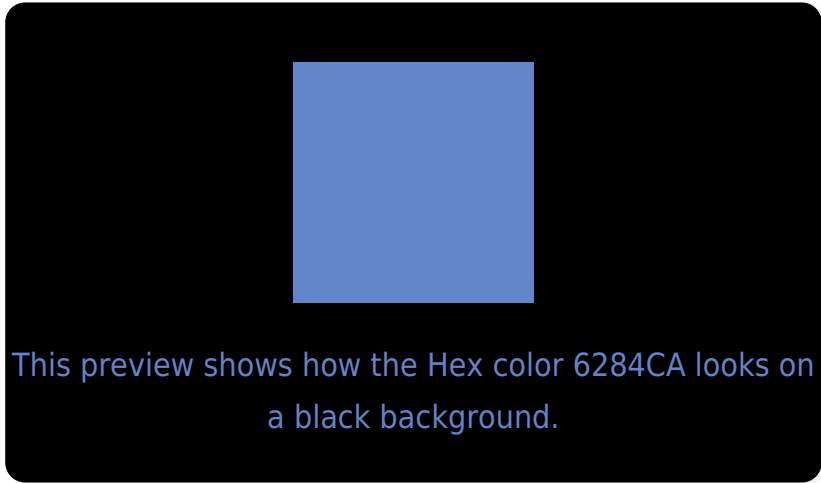
Large Text (above 18pt) WCAG AA ✓ Pass

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

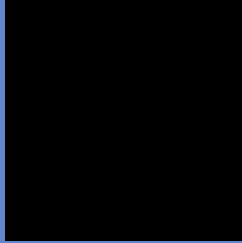
Any Text WCAG AA ✓ Pass

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 6284CA Background



This preview shows how black text looks on a background with the Hex color 6284CA.

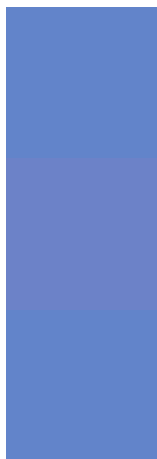


This preview shows how white text looks on a background with the Hex color 6284CA.

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](#).

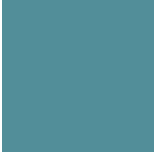
Dichromacy



Original Color
6284CA

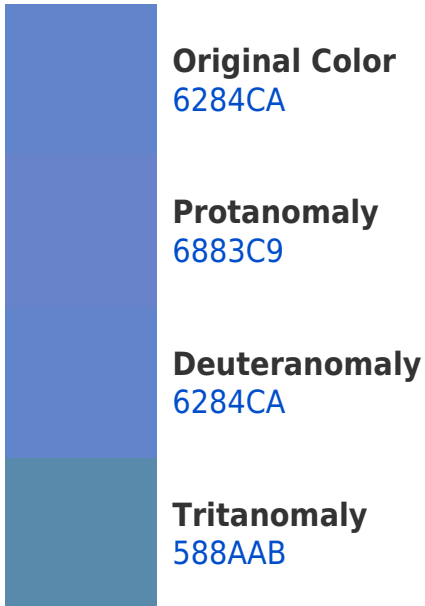
Protanopia
6C82C8

Deuteranopia
6284CA



Tritanopia
528E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6284CA 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 #6284CA looks like.

```
.text, #text, p{  
    color:#6284CA  
}
```

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 #6284CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6284CA
}
```

Border

The CSS property to change the border of an element to Hex 6284CA 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
#6284CA }
```

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

```
.border{ border-color:#6284CA }
```

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

Here you see how a box with a 4 pixel #6284CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6284CA; -webkit-box-shadow:4px 4px  
4px 4px #6284CA; box-shadow:4px 4px 4px  
4px #6284CA }
```

Background

The CSS property to change the background color of an element to Hex 6284CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6284CA }
```

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

```
.background{ background-color:#6284CA }
```

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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