

# Converting Colors

Hex(2C6AC6)

Have a look what the booklet for  
Hex(2C6AC6) contains.

<b>Hex(2C6AC6)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

# Color

Hex(2C6AC6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2C6AC6
RGB	44, 106, 198
RGB Percent	17%, 42%, 78%
CMY	0.8275, 0.5843, 0.2235
CMYK	0.78, 0.46, 0.00, 0.22
HSL	216°, 64%, 47%
HSV	216°, 78%, 78%
XYZ	16.3858, 14.9208, 55.4425
YIQ	97.9500, -66.4840, 15.4680

# Conversions

## Conversions Part 2

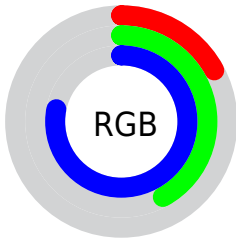
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 88, 198
Decimal	2910918
CIE <sub>Lab</sub>	45.53, 13.08, -53.63
CIE <sub>LCh</sub>	46, 55.201, 283.709
Yxy	14.9208, 0.1889, 0.1720
Android (android.graphics.Color)	4281100998 (0xFF2C6AC6)
<b>YUV</b>	97.9500, 49.3247, -47.3141
Hunter-Lab	38.6274, 8.1219, -58.0606

# Details

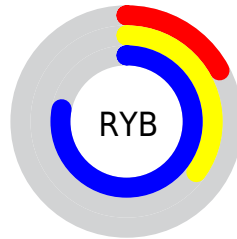
The Hex color **2C6AC6** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **C6882C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **709DFF**, and **003C8F** is the 20% darker color. If you saturate the color by 10%, you get **185EC6**, and if you desaturate by 10%, it is **4076C6**.

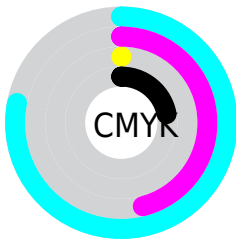
# Distribution



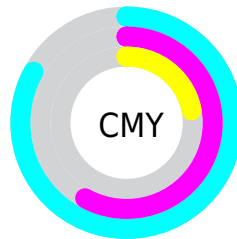
- Red (17%)
- Green (42%)
- Blue (78%)



- Red (17%)
- Yellow (35%)
- Blue (78%)



- Cyan (78%)
- Magenta (46%)
- Yellow (0%)
- Black (22%)



- Cyan (83%)
- Magenta (58%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C6AC6 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 2C6AC6 by changing the saturation by 10% instead.



■ 2C6AC6

■ 2C6AC6

FFFFFF

■ 0052AA

■ 709DFF

■ 003C8F

■ 8EB7FF

■ 002775

■ ACD3FF

■ 00145C

■ CAEFFF

■ 000744

■ E8FFFF

■ 00032C

■ 000117

■ 000000

■ 2C6AC6

■ 2C6AC6

■ 185EC6

■ 4076C6

■ 0452C6

■ 5482C6

■ 0050C6

■ 678DC6

■ 7B99C6

■ 8FA5C6

■ A3B1C6

■ B7BDC6

■ CAC9C6

■ DED4C6

# Harmonies

## Analogous

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



0078C4



2C6AC6



8855AF

# Triad

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



2C6AC6



B34C2D



007F50

# Complementary

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



2C6AC6



C6882C

# 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.



387A22



2C6AC6



966002

# Square

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



2C6AC6



BE3C59



6E7000



008180

# Rectangle

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



2C6AC6



A74795



6E7000



007E40



# Sweetspot

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



2C6AC6



C4DCFF



2CC686



5C6A80



000000



808080



# Same Dimension

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



2C6AC6



1271FF



392CC6



5A5E63



0042A3



000E24



# Inverse Universe

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



C62C6A



FF1271



B9C62C



635A5E



A30042



24000E



# Previews

## White Background



This preview shows how the Hex color 2C6AC6 looks on a white background.

## Color Contrast Check

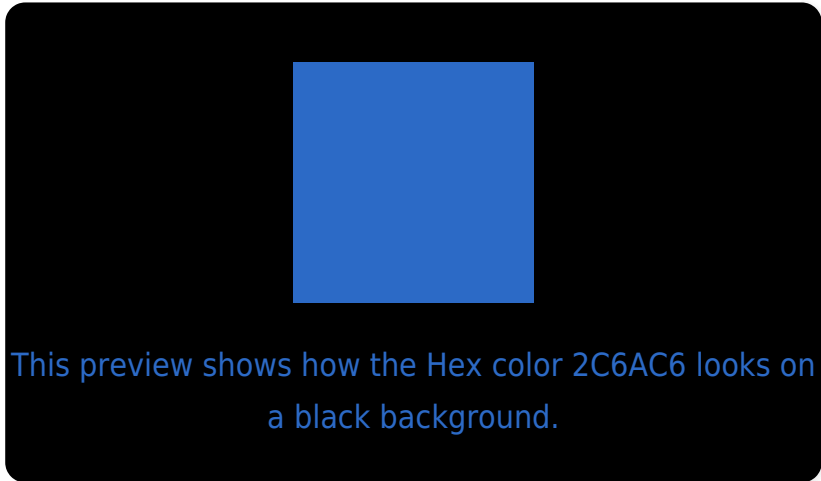
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 2C6AC6 Background



This preview shows how black text looks on a background with the Hex color 2C6AC6.



This preview shows how white text looks on a background with the Hex color 2C6AC6.

# 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**  
2C6AC6

**Protanopia**  
3D68C4

# Trichromacy



**Original Color**  
2C6AC6

**Protanomaly**  
3769C5

# Monochromacy



**Original Color**  
2C6AC6

**Achromatopsia**  
626262

**Achromatomaly**  
4E6586

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C6AC6 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 #2C6AC6 looks like.

```
.text, #text, p{  
    color:#2C6AC6  
}
```

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 #2C6AC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C6AC6
}
```

## Border

The CSS property to change the border of an element to Hex 2C6AC6 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
#2C6AC6 }
```

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

```
.border{ border-color:#2C6AC6 }
```

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

Here you see how a box with a 4 pixel #2C6AC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C6AC6; -webkit-box-shadow:4px 4px  
4px 4px #2C6AC6; box-shadow:4px 4px 4px  
4px #2C6AC6 }
```

# Background

The CSS property to change the background color of an element to Hex 2C6AC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C6AC6 }
```

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

```
.background{ background-color:#2C6AC6 }
```

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