

# Converting Colors

Hex(2C6AE4)

Have a look what the booklet for  
Hex(2C6AE4) contains.

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# Color

**Hex(2C6AE4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C6AE4
RGB	44, 106, 228
RGB Percent	17%, 42%, 89%
CMY	0.8275, 0.5843, 0.1059
CMYK	0.81, 0.54, 0.00, 0.11
HSL	220°, 77%, 53%
HSV	220°, 81%, 89%
XYZ	20.1963, 16.4450, 75.5085
YIQ	101.3700, -76.1140, 24.7980

# Conversions

## Conversions Part 2

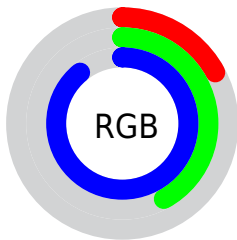
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	44, 90, 228
Decimal	2910948
CIE Lab	47.55, 24.43, -67.45
CIE LCh	48, 71.742, 289.909
Yxy	16.4450, 0.1801, 0.1466
Android (android.graphics.Color)	4281101028 (0xFF2C6AE4)
YUV	101.3700, 62.4286, -50.3135
Hunter-Lab	40.5524, 17.9317, -82.0112

# Details

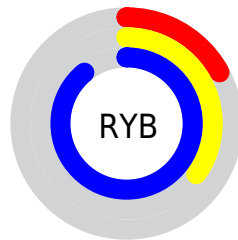
The Hex color **2C6AE4** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **E4A62C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **779DFF**, and **003CAC** is the 20% darker color. If you saturate the color by 10%, you get **155BE4**, and if you desaturate by 10%, it is **4379E4**.

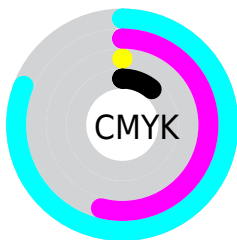
# Distribution



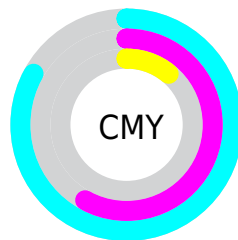
- Red (17%)
- Green (42%)
- Blue (89%)



- Red (17%)
- Yellow (35%)
- Blue (89%)



- Cyan (81%)
- Magenta (54%)
- Yellow (0%)
- Black (11%)



- Cyan (83%)
- Magenta (58%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C6AE4 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 2C6AE4 by changing the saturation by 10% instead.



 2C6AE4

 2C6AE4

FFFFFF

 0052C7

 779DFF

 003CAC

 97B7FF

 002890

 B6D3FF

 001676

 D5EFFF

 00035C

 F4FFFF

 000744

 00032D

 000117

 000000

■ 2C6AE4

■ 2C6AE4

■ 155BE4

■ 4379E4

■ 004DE4

■ 5A88E4

■ 7097E4

■ 87A6E4

■ 9EB6E4

■ B5C5E4

■ CCD4E4

■ E2E3E4

■ F9F2E4

# Harmonies

## Analogous

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



007EE9



2C6AE4



A34AC0

# Triad

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



2C6AE4



C34A0D



00895A

# Complementary

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



2C6AE4



E4A62C

# 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.



008415



2C6AE4



9A6700

# Square

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



2C6AE4



D8254C



637A00



008B99

# Rectangle

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



2C6AE4



C6309C



637A00



008844



# Sweetspot

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



2C6AE4



C2D6FF



2CE4A4



5B6780



000000



808080



# Same Dimension

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



2C6AE4



085BFF



482CE4



676B73



003CB3



001133



# Inverse Universe

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



E42C6A



FF085B



C8E42C



73676B



B3003C



330011



# Previews

## White Background



This preview shows how the Hex color 2C6AE4 looks on a white background.

## Color Contrast Check

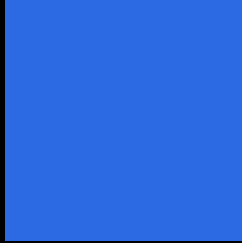
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 2C6AE4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

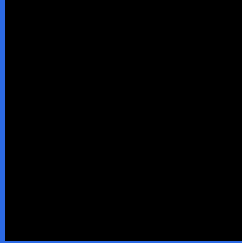
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

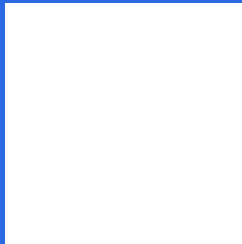
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2C6AE4 Background



This preview shows how black text looks on a background with the Hex color 2C6AE4.



This preview shows how white text looks on a background with the Hex color 2C6AE4.

# 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](#).

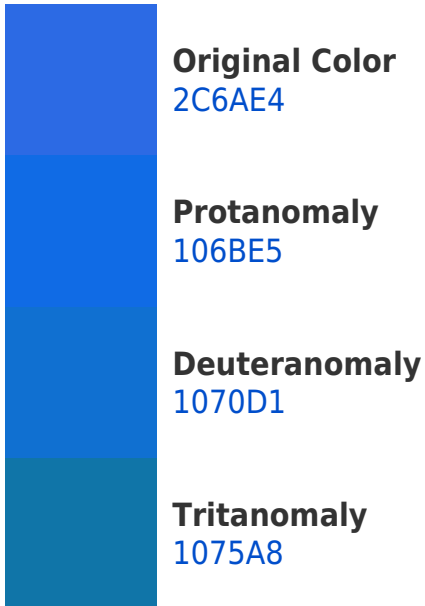
## Dichromacy





**Tritanopia**  
007C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C6AE4 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 #2C6AE4 looks like.

```
.text, #text, p{  
    color:#2C6AE4  
}
```

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 #2C6AE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C6AE4
}
```

## Border

The CSS property to change the border of an element to Hex 2C6AE4 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
#2C6AE4 }
```

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

```
.border{ border-color:#2C6AE4 }
```

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

Here you see how a box with a 4 pixel #2C6AE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C6AE4; -webkit-box-shadow:4px 4px  
4px 4px #2C6AE4; box-shadow:4px 4px 4px  
4px #2C6AE4 }
```

# Background

The CSS property to change the background color of an element to Hex 2C6AE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C6AE4 }
```

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

```
.background{ background-color:#2C6AE4 }
```

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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