

# Converting Colors

Hex(3062C4)

Have a look what the booklet for  
Hex(3062C4) contains.

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# Color

Hex(3062C4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3062C4
RGB	48, 98, 196
RGB Percent	19%, 38%, 77%
CMY	0.8118, 0.6157, 0.2314
CMYK	0.76, 0.50, 0.00, 0.23
HSL	220°, 61%, 48%
HSV	220°, 76%, 77%
XYZ	15.5504, 13.3493, 53.9816
YIQ	94.2220, -61.2580, 19.8780

# Conversions

## Conversions Part 2

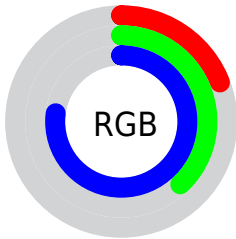
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 85, 196
Decimal	3171012
CIE <sub>Lab</sub>	43.28, 17.93, -56.08
CIE <sub>LCh</sub>	43, 58.873, 287.730
Yxy	13.3493, 0.1876, 0.1611
Android (android.graphics.Color)	4281361092 (0xFF3062C4)
YUV	94.2220, 50.1766, -40.5367
Hunter-Lab	36.5366, 12.0325, -62.0233

# Details

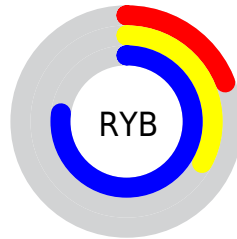
The Hex color **3062C4** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **C49230**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7294FD**, and **00358D** is the 20% darker color. If you saturate the color by 10%, you get **1C55C4**, and if you desaturate by 10%, it is **446FC4**.

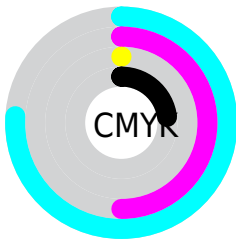
# Distribution



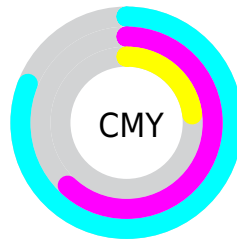
- Red (19%)
- Green (38%)
- Blue (77%)



- Red (19%)
- Yellow (33%)
- Blue (77%)



- Cyan (76%)
- Magenta (50%)
- Yellow (0%)
- Black (23%)



- Cyan (81%)
- Magenta (62%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3062C4 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 3062C4 by changing the saturation by 10% instead.



■ 3062C4

■ 3062C4

FFFFFF

■ 004BA8

■ 7294FD

■ 00358D

■ 90AFFE

■ 002173

■ AECAFF

■ 000B5A

■ CCE6FF

■ 000742

■ EAFFFF

■ 00032B

■ 000115

■ 000000

■ 3062C4

■ 3062C4

■ 1C55C4

■ 446FC4

■ 0948C4

■ 577CC4

■ 0042C4

■ 6B89C4

■ 7E96C4

■ 92A3C4

■ A6B0C4

■ B9BDC4

■ CDCAC4

■ E0D7C4

# Harmonies

## Analogous

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



0072C6



3062C4



8C4AA9

# Triad

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



3062C4



AC471E



007B50

# Complementary

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



3062C4



C49230

# 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.



1E761D



3062C4



8C5D00

# Square

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



3062C4



BB314C



616D00



007C83

# Rectangle

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



3062C4



A93A8C



616D00



007A3F



# Sweetspot

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



3062C4



C4D8FF



30C490



5C6880



000000



808080



# Same Dimension

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



3062C4



1765FF



4630C4



575A61



0036A1



000B21



# Inverse Universe

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



C43062



FF1765



AEC430



61575A



A10036



21000B



# Previews

## White Background



This preview shows how the Hex color 3062C4 looks on a white background.

## Color Contrast Check

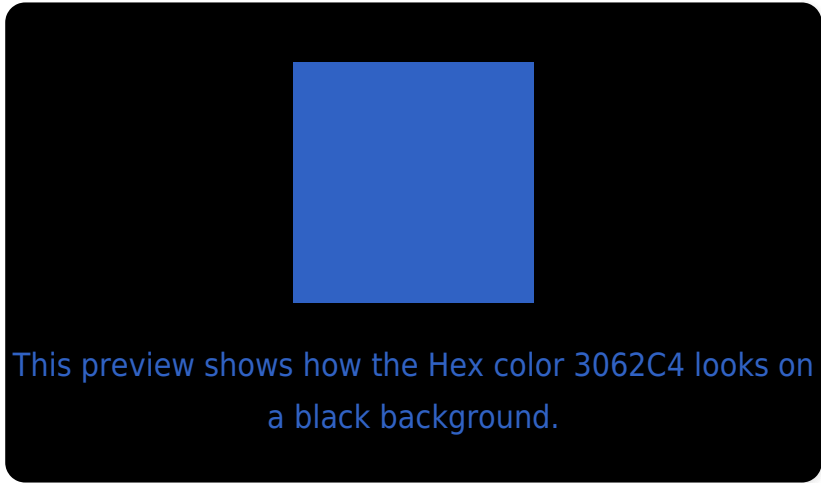
Large Text (above 18pt) WCAG AA ✓ Pass

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

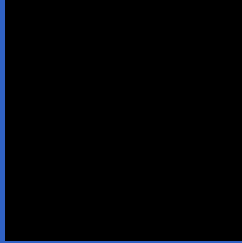
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3062C4 Background



This preview shows how black text looks on a background with the Hex color 3062C4.



This preview shows how white text looks on a background with the Hex color 3062C4.

# 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](#).

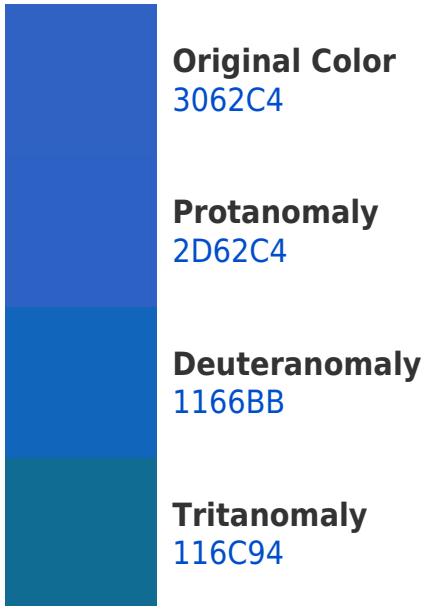
## Dichromacy



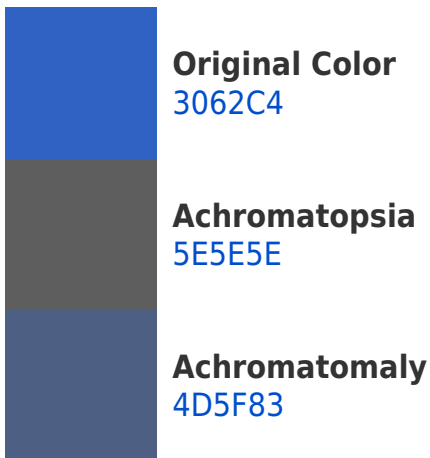


**Tritanopia**  
007179

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3062C4 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 #3062C4 looks like.

```
.text, #text, p{  
    color:#3062C4  
}
```

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 #3062C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3062C4
}
```

## Border

The CSS property to change the border of an element to Hex 3062C4 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
#3062C4 }
```

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

```
.border{ border-color:#3062C4 }
```

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

Here you see how a box with a 4 pixel #3062C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3062C4; -webkit-box-shadow:4px 4px  
4px 4px #3062C4; box-shadow:4px 4px 4px  
4px #3062C4 }
```

# Background

The CSS property to change the background color of an element to Hex 3062C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3062C4 }
```

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

```
.background{ background-color:#3062C4 }
```

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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