

# Converting Colors

Hex(2057EA)

Have a look what the booklet for  
Hex(2057EA) contains.

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# Color

**Hex(2057EA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2057EA
RGB	32, 87, 234
RGB Percent	13%, 34%, 92%
CMY	0.8745, 0.6588, 0.0824
CMYK	0.86, 0.63, 0.00, 0.08
HSL	224°, 83%, 52%
HSV	224°, 86%, 92%
XYZ	18.8551, 13.0640, 79.3697
YIQ	87.3130, -79.9670, 34.0570

# Conversions

## Conversions Part 2

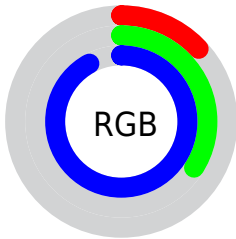
<b>Format</b>	<b>Color</b>
<b>RYB</b>	32, 75, 234
Decimal	2119658
CIELab	42.86, 37.90, -78.51
CIELCh	43, 87.184, 295.770
Yxy	13.0640, 0.1694, 0.1174
Android (android.graphics.Color)	4280309738 (0xFF2057EA)
YUV	87.3130, 72.3167, -48.5095
Hunter-Lab	36.1441, 29.8651, -104.8954

# Details

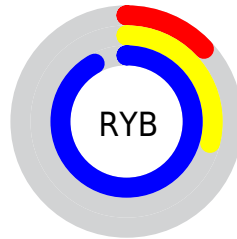
The Hex color **2057EA** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **EAB320**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7588FF**, and **002BB1** is the 20% darker color. If you saturate the color by 10%, you get **0946EA**, and if you desaturate by 10%, it is **3768EA**.

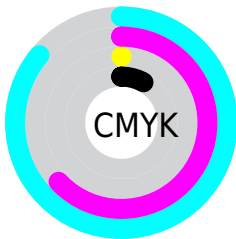
# Distribution



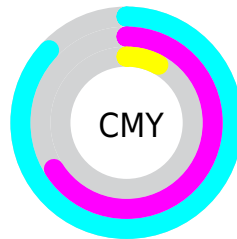
- Red (13%)
- Green (34%)
- Blue (92%)



- Red (13%)
- Yellow (29%)
- Blue (92%)



- Cyan (86%)
- Magenta (63%)
- Yellow (0%)
- Black (8%)



- Cyan (87%)
- Magenta (66%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2057EA 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 2057EA by changing the saturation by 10% instead.



 2057EA

 2057EA

FFFFFF

 0040CD

 7588FF

 002BB1

 95A3FF

 001895

 B5BEFF

 00047B

 D5D9FF

 000A61

 F4F6FF

 000848

 000430

 00011B

 000000

■ 2057EA

■ 2057EA

■ 0946EA

■ 3768EA

■ 0040EA

■ 4F79EA

■ 668AEA

■ 7E9BEA

■ 95ACEA

■ ACBDEA

■ C4CEEA

■ DBDFEA

■ F3F0EA

# Harmonies

## Analogous

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



0073F8



2057EA



AD19B8

# Triad

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



2057EA



B93900



008059

# Complementary

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



2057EA



EAB320

# 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.



007C00



2057EA



855F00

# Square

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



2057EA



D8002D



3D7300



0081A3

# Rectangle

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



2057EA



CF008B



3D7300



007F3F



# Sweetspot

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



2057EA



BDCFFF



20EAB1



586380



000000



808080



# Same Dimension

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



2057EA



0045FF



4C20EA



6A6D75



0031B5



000F36



# Inverse Universe

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



EA2057



FF0045



BEEA20



756A6D



B50031

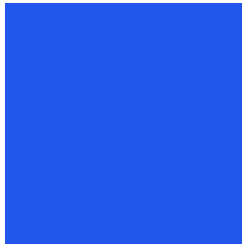


36000F



# Previews

## White Background



This preview shows how the Hex color 2057EA looks on a white background.

## Color Contrast Check

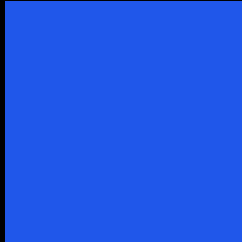
Large Text (above 18pt) WCAG AA ✓ Pass

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 2057EA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

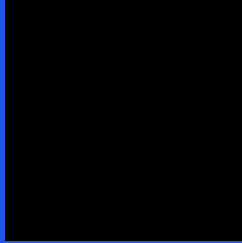
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2057EA Background



This preview shows how black text looks on a background with the Hex color 2057EA.

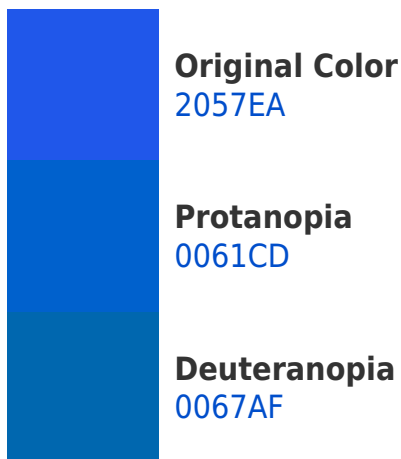


This preview shows how white text looks on a background with the Hex color 2057EA.

# 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](#).

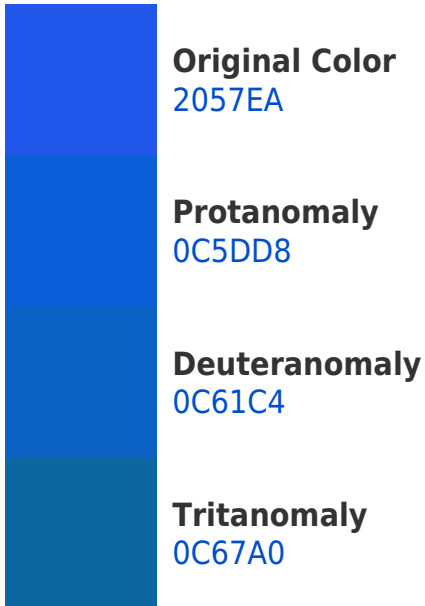
## Dichromacy



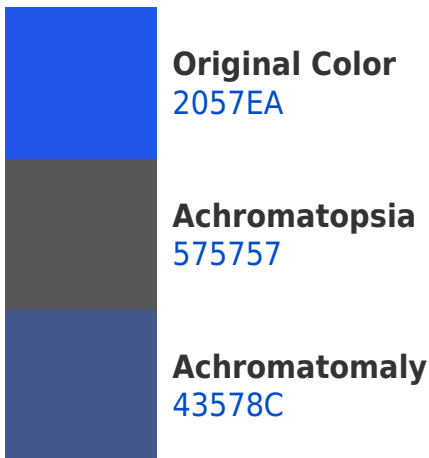


**Tritanopia**  
007076

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2057EA 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 #2057EA looks like.

```
.text, #text, p{  
    color:#2057EA  
}
```

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 #2057EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2057EA
}
```

## Border

The CSS property to change the border of an element to Hex 2057EA 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
#2057EA }
```

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

```
.border{ border-color:#2057EA }
```

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

Here you see how a box with a 4 pixel #2057EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2057EA; -webkit-box-shadow:4px 4px  
4px 4px #2057EA; box-shadow:4px 4px 4px  
4px #2057EA }
```

# Background

The CSS property to change the background color of an element to Hex 2057EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2057EA }
```

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

```
.background{ background-color:#2057EA }
```

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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