

# Converting Colors

Hex(4276E4)

Have a look what the booklet for  
Hex(4276E4) contains.

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# Color

Hex(4276E4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4276E4
RGB	66, 118, 228
RGB Percent	26%, 46%, 89%
CMY	0.7412, 0.5373, 0.1059
CMYK	0.71, 0.48, 0.00, 0.11
HSL	221°, 75%, 58%
HSV	221°, 71%, 89%
XYZ	22.7288, 19.7166, 76.0065
YIQ	114.9920, -66.3020, 23.1860

# Conversions

## Conversions Part 2

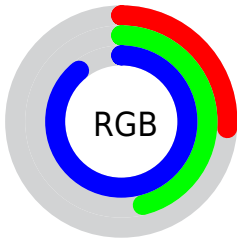
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	66, 105, 228
Decimal	4355812
CIE Lab	51.52, 19.33, -61.01
CIE LCh	52, 64.001, 287.583
Yxy	19.7166, 0.1919, 0.1665
Android (android.graphics.Color)	4282545892 (0xFF4276E4)
YUV	114.9920, 55.7129, -42.9660
Hunter-Lab	44.4033, 13.6632, -70.4062

# Details

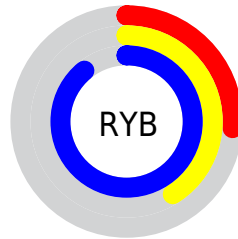
The Hex color **4276E4** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **E4B042**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **84AAFF**, and **0047AC** is the 20% darker color. If you saturate the color by 10%, you get **2B67E4**, and if you desaturate by 10%, it is **5985E4**.

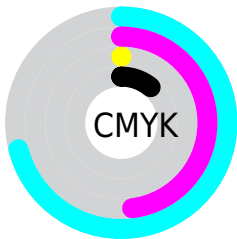
# Distribution



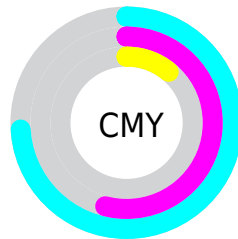
- Red (26%)
- Green (46%)
- Blue (89%)



- Red (26%)
- Yellow (41%)
- Blue (89%)



- Cyan (71%)
- Magenta (48%)
- Yellow (0%)
- Black (11%)



- Cyan (74%)
- Magenta (54%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4276E4 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 4276E4 by changing the saturation by 10% instead.



 4276E4

 4276E4

FFFFFF

 0D5EC8

 84AAFF

 0047AC

 A3C5FF

 003191

 C1E0FF

 001E76

 E0FDFF

 00045D

FEFFFF

 000844

 00032D

 000117

 000000

■ 4276E4

■ 4276E4

■ 2B67E4

■ 5985E4

■ 1457E4

■ 7095E4

■ 0049E4

■ 86A4E4

■ 9DB4E4

■ B4C3E4

■ CBD3E4

■ E2E2E4

■ F8F2E4

■ FFFFE4

# Harmonies

## Analogous

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



0088E6



4276E4



A55CC5

# Triad

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



4276E4



CB582A



009261

# Complementary

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



4276E4



E4B042

# 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.



2E8D29



4276E4



A67000

# Square

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



4276E4



DB415D



758200



00949A

# Rectangle

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



4276E4



C64AA6



758200



00914E



# Sweetspot

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



4276E4



C9DBFF



42E4AE



606A80



000000



808080



# Same Dimension

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



4276E4



266CFF



5D42E4



676B73



0039B3



001033



# Inverse Universe

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



E44276



FF266C



C9E442



73676B



B30039

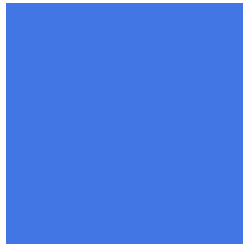


330010



# Previews

## White Background



This preview shows how the Hex color 4276E4 looks on a white background.

## Color Contrast Check

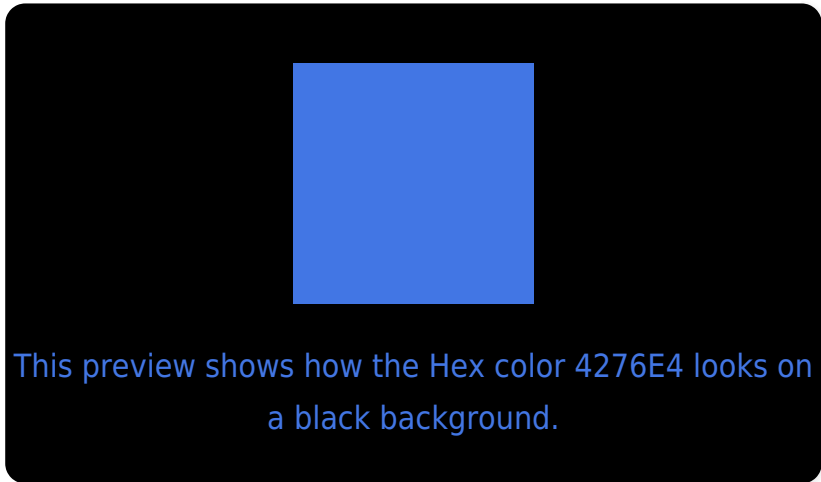
Large Text (above 18pt) WCAG AA ✓ Pass

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

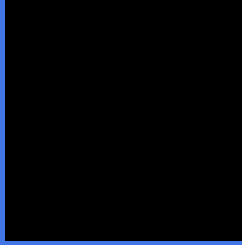
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

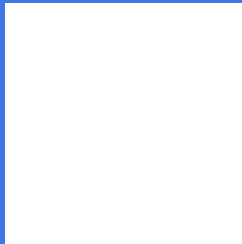
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4276E4 Background



This preview shows how black text looks on a background with the Hex color 4276E4.

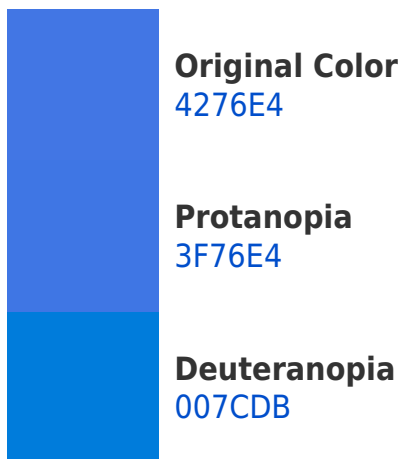


This preview shows how white text looks on a background with the Hex color 4276E4.

# 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](#).

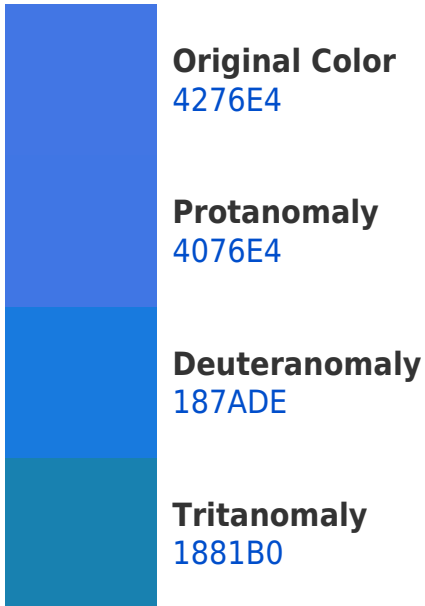
## Dichromacy





**Tritanopia**  
008892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4276E4 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 #4276E4 looks like.

```
.text, #text, p{  
    color:#4276E4  
}
```

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 #4276E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4276E4
}
```

## Border

The CSS property to change the border of an element to Hex 4276E4 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
#4276E4 }
```

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

```
.border{ border-color:#4276E4 }
```

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

Here you see how a box with a 4 pixel #4276E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4276E4; -webkit-box-shadow:4px 4px  
4px 4px #4276E4; box-shadow:4px 4px 4px  
4px #4276E4 }
```

# Background

The CSS property to change the background color of an element to Hex 4276E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4276E4 }
```

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

```
.background{ background-color:#4276E4 }
```

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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