

# Converting Colors

Hex(3D6EC4)

Have a look what the booklet for  
Hex(3D6EC4) contains.

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# Color

Hex(3D6EC4)

# Conversions

## Conversions Part 1

Format	Color
Hex	3D6EC4
RGB	61, 110, 196
RGB Percent	24%, 43%, 77%
CMY	0.7608, 0.5686, 0.2314
CMYK	0.69, 0.44, 0.00, 0.23
HSL	218°, 53%, 50%
HSV	218°, 69%, 77%
XYZ	17.4642, 16.1295, 54.4174
YIQ	105.1530, -56.8100, 16.3580

# Conversions

## Conversions Part 2

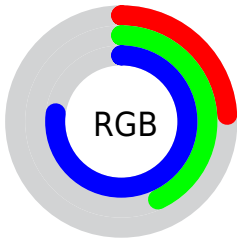
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 97, 196
Decimal	4026052
CIELab	47.14, 12.08, -49.85
CIElCh	47, 51.291, 283.625
Yxy	16.1295, 0.1984, 0.1833
Android (android.graphics.Color)	4282216132 (0xFF3D6EC4)
YUV	105.1530, 44.7876, -38.7222
Hunter-Lab	40.1615, 7.3379, -52.2227

# Details

The Hex color **3D6EC4** 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 **C4933D**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7BA1FD**, and **003F8E** is the 20% darker color. If you saturate the color by 10%, you get **2962C4**, and if you desaturate by 10%, it is **517AC4**.

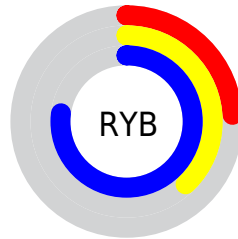
# Distribution



Red (24%)

Green (43%)

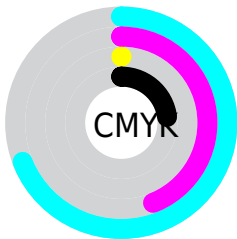
Blue (77%)



Red (24%)

Yellow (38%)

Blue (77%)

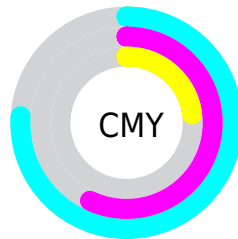


Cyan (69%)

Magenta (44%)

Yellow (0%)

Black (23%)



Cyan (76%)

Magenta (57%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D6EC4 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 3D6EC4 by changing the saturation by 10% instead.



■ 3D6EC4

■ 3D6EC4

FFFFFF

■ 1156A8

■ 7BA1FD

■ 003F8E

■ 98BCFF

■ 002A73

■ B6D8FF

■ 00175A

■ D3F4FF

■ 000742

■ F1FFFF

■ 00032B

■ 000115

■ 000000

■ 3D6EC4

■ 3D6EC4

■ 2962C4

■ 517AC4

■ 1655C4

■ 6487C4

■ 0249C4

■ 7893C4

■ 0047C4

■ 8BA0C4

■ 9FACC4

■ B3B9C4

■ C6C5C4

■ DAD2C4

■ EDDEC4

# Harmonies

## Analogous

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



007BC3



3D6EC4



8B5BAF

# Triad

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



3D6EC4



B45336



008356

# Complementary

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



3D6EC4



C4933D

# 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.



427D2D



3D6EC4



996515

# Square

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



3D6EC4



BE465E



73740D



008483

# Rectangle

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



3D6EC4



A84F97



73740D



008147



# Sweetspot

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



3D6EC4



C9DDFF



3DC493



606B80



000000



808080



# Same Dimension

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



3D6EC4



2B78FF



4F3DC4



575B61



003AA1



000C21



# Inverse Universe

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



C43D6E



FF2B78



B2C43D



61575B



A1003A



21000C



# Previews

## White Background



This preview shows how the Hex color 3D6EC4 looks on a white background.

## Color Contrast Check

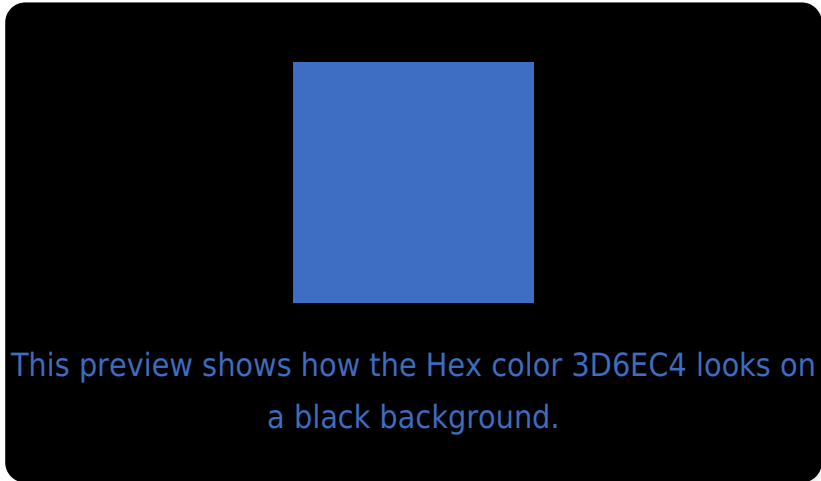
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D6EC4 Background



This preview shows how black text looks on a background with the Hex color 3D6EC4.



This preview shows how white text looks on a background with the Hex color 3D6EC4.

# 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**  
3D6EC4

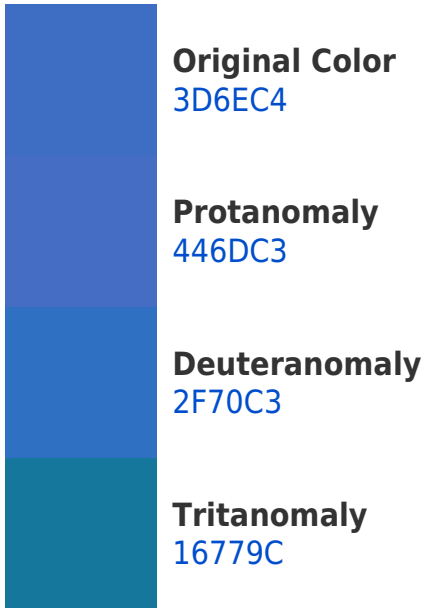
**Protanopia**  
486CC2

**Deuteranopia**  
2771C3



**Tritanopia**  
007C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D6EC4 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 #3D6EC4 looks like.

```
.text, #text, p{  
    color:#3D6EC4  
}
```

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 #3D6EC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6EC4
}
```

## Border

The CSS property to change the border of an element to Hex 3D6EC4 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
#3D6EC4 }
```

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

```
.border{ border-color:#3D6EC4 }
```

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

Here you see how a box with a 4 pixel #3D6EC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6EC4; -webkit-box-shadow:4px 4px  
4px 4px #3D6EC4; box-shadow:4px 4px 4px  
4px #3D6EC4 }
```

# Background

The CSS property to change the background color of an element to Hex 3D6EC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6EC4 }
```

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

```
.background{ background-color:#3D6EC4 }
```

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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