

# Converting Colors

Hex(3526C0)

Have a look what the booklet for  
Hex(3526C0) contains.

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# Color

Hex(3526C0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3526C0
RGB	53, 38, 192
RGB Percent	21%, 15%, 75%
CMY	0.7922, 0.8510, 0.2471
CMYK	0.72, 0.80, 0.00, 0.25
HSL	246°, 67%, 45%
HSV	246°, 80%, 75%
XYZ	11.6757, 5.9489, 50.4020
YIQ	60.0410, -40.4940, 51.0740

# Conversions

## Conversions Part 2

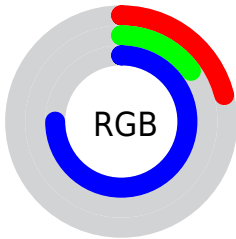
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 38, 192
Decimal	3483328
CIE <sub>Lab</sub>	29.28, 53.37, -76.64
CIE <sub>LCh</sub>	29, 93.389, 304.851
Yxy	5.9489, 0.1716, 0.0874
Android (android.graphics.Color)	4281673408 (0xFF3526C0)
YUV	60.0410, 65.0558, -6.1750
Hunter-Lab	24.3903, 42.7655, -105.4482

# Details

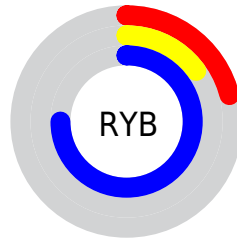
The Hex color **3526C0** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **B1C026**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **7957FA**, and **000089** is the 20% darker color. If you saturate the color by 10%, you get **2413C0**, and if you desaturate by 10%, it is **4639C0**.

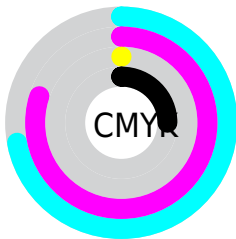
# Distribution



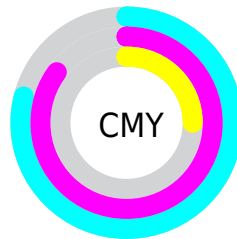
- Red (21%)
- Green (15%)
- Blue (75%)



- Red (21%)
- Yellow (15%)
- Blue (75%)



- Cyan (72%)
- Magenta (80%)
- Yellow (0%)
- Black (25%)



- Cyan (79%)
- Magenta (85%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3526C0 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 3526C0 by changing the saturation by 10% instead.



 3526C0

 3526C0

FFFFFF

 000CA4

 7957FA

 000089

 9871FF

 00006F

 B68BFF

 000655

 D4A6FF

 00063D

 F3C2FF

 000326

 FFDEFF

 00010F

 FFFBFF

 000000

 3526C0

 3526C0

■ 2413C0

■ 4639C0

■ 1300C0

■ 584CC0

■ 6960C0

■ 7A73C0

■ 8C86C0

■ 9D99C0

■ AEACC0

■ C0C0C0

■ D1D3C0

# Harmonies

## Analogous

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



004FDC



3526C0



9D0084

# Triad

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



3526C0



832200



005C50

# Complementary

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



3526C0



B1C026

# 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.



005A00



3526C0



4B4700

# Square

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



3526C0



AA0000



005500



005E98

# Rectangle

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



3526C0



B40055



005500



005B36



# Sweetspot

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



3526C0



C4BEFA



26B3C0



5C597D



FCFCFC



7D7D7D



# Same Dimension

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



3526C0



210AFA



8026C0



585761



1000A1



030021



# Inverse Universe

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



C026B1



FA0AE3



66C026



615760



A10091

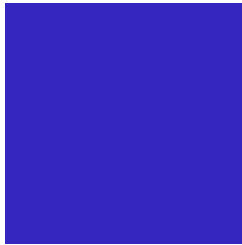


21001E



# Previews

## White Background



This preview shows how the Hex color 3526C0 looks on a white background.

## Color Contrast Check

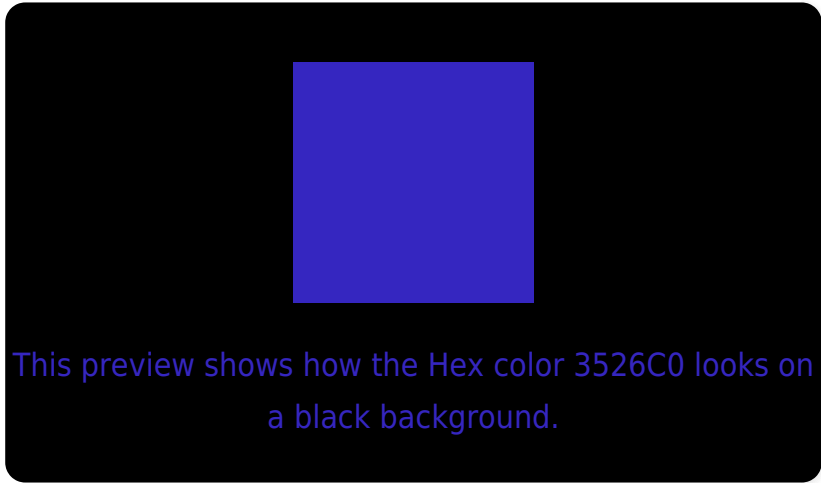
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

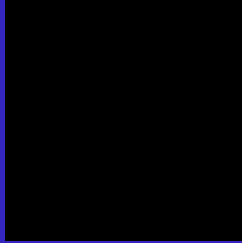
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3526C0 Background



This preview shows how black text looks on a background with the Hex color 3526C0.



This preview shows how white text looks on a background with the Hex color 3526C0.

# 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**  
3526C0

**Protanopia**  
00438C

**Deuteranopia**  
004777



# Trichromacy



**Original Color**  
3526C0

**Protanomaly**  
13389F

**Deuteranomaly**  
133B92

**Tritanomaly**  
133F79

# Monochromacy



**Original Color**  
3526C0

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
39346C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3526C0 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 #3526C0 looks like.

```
.text, #text, p{  
    color:#3526C0  
}
```

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 #3526C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3526C0
}
```

## Border

The CSS property to change the border of an element to Hex 3526C0 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
#3526C0 }
```

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

```
.border{ border-color:#3526C0 }
```

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

Here you see how a box with a 4 pixel #3526C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3526C0; -webkit-box-shadow:4px 4px  
4px 4px #3526C0; box-shadow:4px 4px 4px  
4px #3526C0 }
```

# Background

The CSS property to change the background color of an element to Hex 3526C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3526C0 }
```

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

```
.background{ background-color:#3526C0 }
```

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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