

# Converting Colors

Hex(364C91)

Have a look what the booklet for  
Hex(364C91) contains.

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# Color

**Hex(364C91)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	364C91
RGB	54, 76, 145
RGB Percent	21%, 30%, 57%
CMY	0.7882, 0.7020, 0.4314
CMYK	0.63, 0.48, 0.00, 0.43
HSL	225°, 46%, 39%
HSV	225°, 63%, 57%
XYZ	9.2166, 7.9975, 27.8460
YIQ	77.2880, -35.2610, 16.7950

# Conversions

## Conversions Part 2

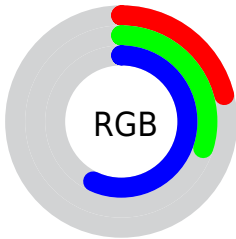
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 72, 145
Decimal	3558545
CIELab	33.98, 14.29, -40.78
CIELCh	34, 43.212, 289.310
Yxy	7.9975, 0.2045, 0.1775
Android (android.graphics.Color)	4281748625 (0xFF364C91)
YUV	77.2880, 33.3820, -20.4236
Hunter-Lab	28.2798, 8.6847, -38.5845

# Details

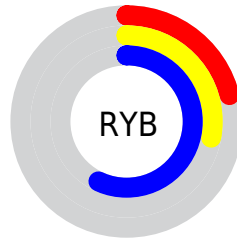
The Hex color **364C91** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **917B36**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6D7CC7**, and **00215E** is the 20% darker color. If you saturate the color by 10%, you get **274191**, and if you desaturate by 10%, it is **455791**.

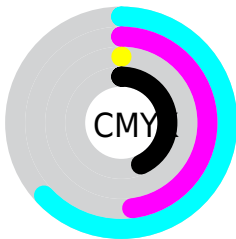
# Distribution



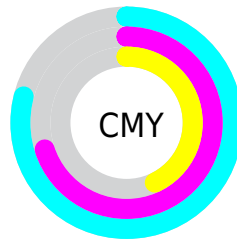
- Red (21%)
- Green (30%)
- Blue (57%)



- Red (21%)
- Yellow (28%)
- Blue (57%)



- Cyan (63%)
- Magenta (48%)
- Yellow (0%)
- Black (43%)



- Cyan (79%)
- Magenta (70%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 364C91 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 364C91 by changing the saturation by 10% instead.



■ 364C91

■ 364C91

FFFFFF

■ 153677

■ 6D7CC7

■ 00215E

■ 8996E4

■ 000B46

■ A5B1FF

■ 00042F

■ C1CCFF

■ 000119

■ DEE8FF

■ 000000

■ FBFFFF

■ 364C91

■ 364C91

■ 274191

■ 455791

■ 193691

■ 536291

■ 0B2B91

■ 626D91

■ 002391

■ 707891

■ 7F8391

■ 8D8E91

■ 9B9991

■ AAA491

■ B9AF91

# Harmonies

## Analogous

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



005793



364C91



6D3C7D

# Triad

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



364C91



823B1C



005F42

# Complementary

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



364C91



917B36

# 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.



1F5C20



364C91



6B4A01

# Square

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



364C91



8D2F3B



4B5502



006066

# Rectangle

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



364C91



813369



4B5502



005E36



# Sweetspot

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



364C91



99A2BD



36917A



494E5E



DEDEDE



5E5E5E



# Same Dimension

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



364C91



2F51BD



4D3691



404247



002187



000208



# Inverse Universe

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



91364C



BD2F51



7A9136



474042



870021



080002



# Previews

## White Background



This preview shows how the Hex color 364C91 looks on a white background.

## Color Contrast Check

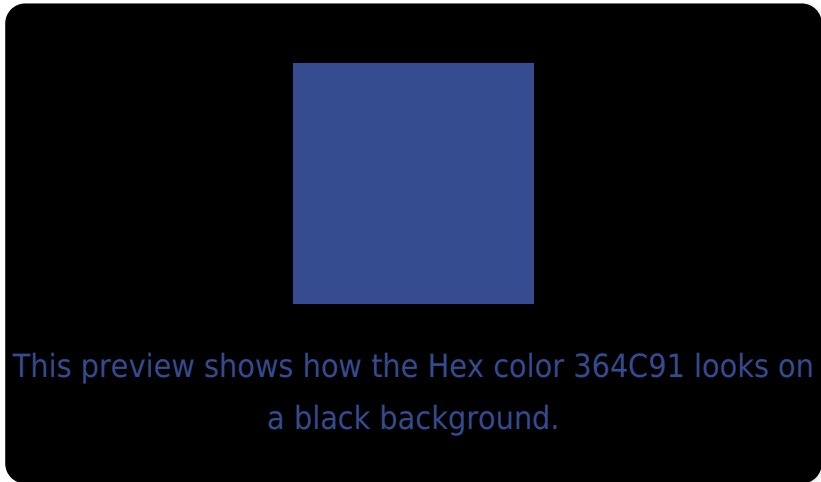
Large Text (above 18pt) WCAG AA ✓ Pass

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

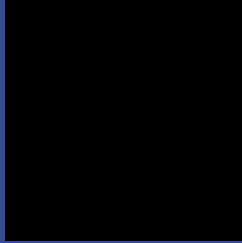
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 364C91 Background



This preview shows how black text looks on a background with the Hex color 364C91.



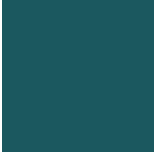
This preview shows how white text looks on a background with the Hex color 364C91.

# 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**  
1B585F

# Trichromacy



**Original Color**  
364C91

**Protanomaly**  
304D92

**Deuteranomaly**  
194F90

**Tritanomaly**  
255471

# Monochromacy



**Original Color**  
364C91

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
454D66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 364C91 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 #364C91 looks like.

```
.text, #text, p{  
    color:#364C91  
}
```

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 #364C91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #364C91
}
```

## Border

The CSS property to change the border of an element to Hex 364C91 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".

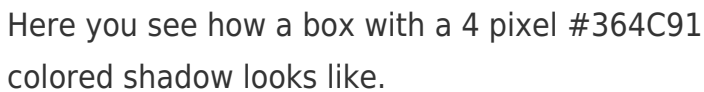
```
.border, #border, table{ border:4px solid
#364C91 }
```

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

```
.border{ border-color:#364C91 }
```

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

Here you see how a box with a 4 pixel #364C91 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #364C91; -webkit-box-shadow:4px 4px  
4px 4px #364C91; box-shadow:4px 4px 4px  
4px #364C91 }
```

# Background

The CSS property to change the background color of an element to Hex 364C91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#364C91 }
```

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

```
.background{ background-color:#364C91 }
```

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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