

# Converting Colors

Hex(364D80)

Have a look what the booklet for  
Hex(364D80) contains.

<b>Hex(364D80)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(364D80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	364D80
RGB	54, 77, 128
RGB Percent	21%, 30%, 50%
CMY	0.7882, 0.6980, 0.4980
CMYK	0.58, 0.40, 0.00, 0.50
HSL	221°, 41%, 36%
HSV	221°, 58%, 50%
XYZ	8.0715, 7.6505, 21.4734
YIQ	75.9370, -30.0790, 10.9850

# Conversions

## Conversions Part 2

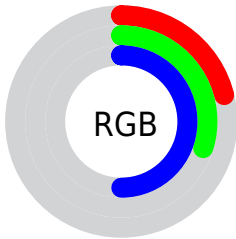
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 72, 128
Decimal	3558784
CIELab	33.24, 7.51, -31.51
CIElCh	33, 32.395, 283.411
Yxy	7.6505, 0.2170, 0.2057
Android (android.graphics.Color)	4281748864 (0xFF364D80)
YUV	75.9370, 25.6671, -19.2387
Hunter-Lab	27.6596, 3.6846, -26.6677

# Details

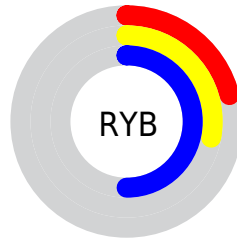
The Hex color **364D80** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **806936**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6B7EB5**, and **00224E** is the 20% darker color. If you saturate the color by 10%, you get **294480**, and if you desaturate by 10%, it is **435680**.

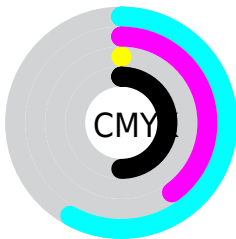
# Distribution



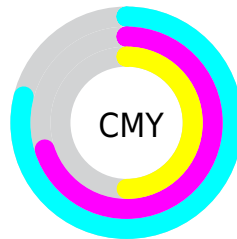
- Red (21%)
- Green (30%)
- Blue (50%)



- Red (21%)
- Yellow (28%)
- Blue (50%)



- Cyan (58%)
- Magenta (40%)
- Yellow (0%)
- Black (50%)



- Cyan (79%)
- Magenta (70%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 364D80 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 364D80 by changing the saturation by 10% instead.



■ 364D80

■ 364D80

FFFFFF

■ 1A3667

■ 6B7EB5

■ 00224E

■ 8597D1

■ 000A37

■ A1B2ED

■ 000221

■ BCCEFF

■ 000006

■ D9EAFF

■ 000000

■ F6FFFF

■ 364D80

■ 364D80

■ 294480

■ 435680

■ 1C3B80

■ 505F80

■ 103380

■ 5C6780

■ 032A80

■ 697080

■ 002880

■ 767980

■ 838280

■ 908B80

■ 9C9480

■ A99C80

# Harmonies

## Analogous

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



00557F



364D80



5F4374

# Triad

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



364D80



783E2C



005A3F

# Complementary

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



364D80



806936

# 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.



355727



364D80



68481C

# Square

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



364D80



7E3844



525019



005B59

# Rectangle

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



364D80



703C66



525019



1A5936



# Sweetspot

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



364D80



8A92A6



368069



434954



D4D4D4



545454



# Same Dimension

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



364D80



3357A6



443680



393B40



002880



000000



# Inverse Universe

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



80364D



A63357



728036



40393B



800028



000000



# Previews

## White Background



This preview shows how the Hex color 364D80 looks on a white background.

## Color Contrast Check

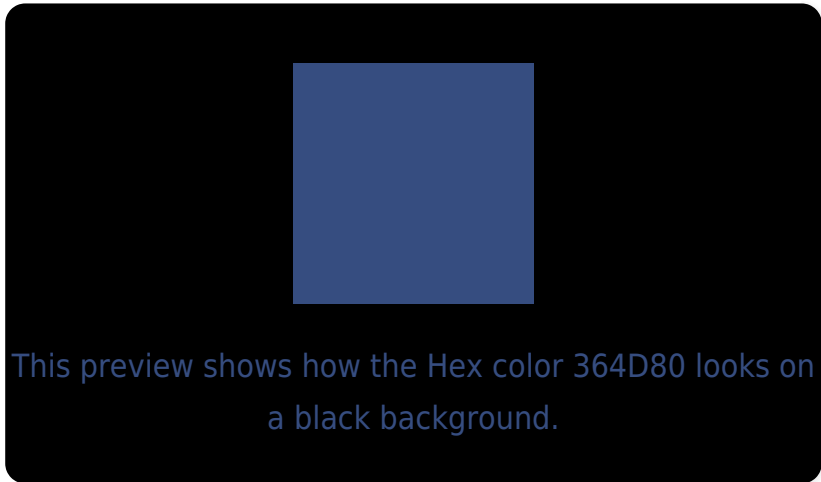
Large Text (above 18pt) WCAG AA ✓ Pass

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

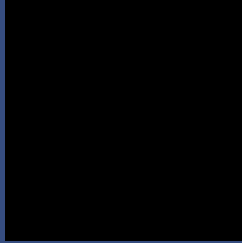
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 364D80 Background



This preview shows how black text looks on a background with the Hex color 364D80.



This preview shows how white text looks on a background with the Hex color 364D80.

# 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**

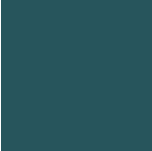
364D80

**Protanopia**

3A4C7F

**Deuteranopia**

2F4E80



**Tritanopia**  
27555C

# Trichromacy



**Original Color**  
364D80

**Protanomaly**  
394C7F

**Deuteranomaly**  
324E80

**Tritanomaly**  
2C5269

# Monochromacy



**Original Color**  
364D80

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
444C5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 364D80 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 #364D80 looks like.

```
.text, #text, p{  
    color:#364D80  
}
```

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 #364D80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #364D80
}
```

## Border

The CSS property to change the border of an element to Hex 364D80 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".

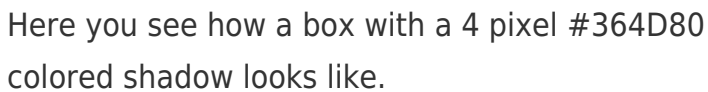
```
.border, #border, table{ border:4px solid
#364D80 }
```

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

```
.border{ border-color:#364D80 }
```

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

Here you see how a box with a 4 pixel #364D80 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #364D80; -webkit-box-shadow:4px 4px  
4px 4px #364D80; box-shadow:4px 4px 4px  
4px #364D80 }
```

# Background

The CSS property to change the background color of an element to Hex 364D80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#364D80 }
```

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

```
.background{ background-color:#364D80 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor