

# Converting Colors

Hex(377D95)

Have a look what the booklet for  
Hex(377D95) contains.

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# Color

Hex(377D95)

# Conversions

## Conversions Part 1

Format	Color
Hex	377D95
RGB	55, 125, 149
RGB Percent	22%, 49%, 58%
CMY	0.7843, 0.5098, 0.4157
CMYK	0.63, 0.16, 0.00, 0.42
HSL	195°, 46%, 40%
HSV	195°, 63%, 58%
XYZ	14.3340, 17.6494, 31.0850
YIQ	106.8060, -49.4240, -7.3760

# Conversions

## Conversions Part 2

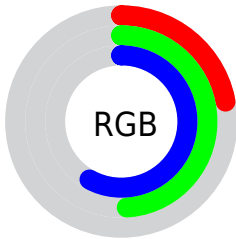
Format	Color
<b>RYB</b>	55, 95, 149
Decimal	3636629
CIELab	49.07, -14.32, -19.51
CIELCh	49, 24.200, 233.708
Yxy	17.6494, 0.2273, 0.2798
Android (android.graphics.Color)	4281826709 (0xFF377D95)
YUV	106.8060, 20.8016, -45.4339
Hunter-Lab	42.0112, -12.6163, -14.4621




# Details

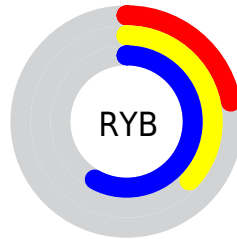
The Hex color **377D95** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **954F37**, and the grayscale version is **6B6B6B**.




A 20% lighter version of the original color is **6FB2CB**, and **004C62** is the 20% darker color. If you saturate the color by 10%, you get **287995**, and if you desaturate by 10%, it is **468195**.

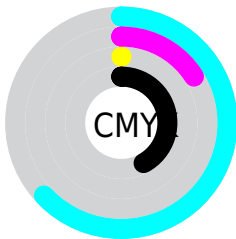
# Distribution







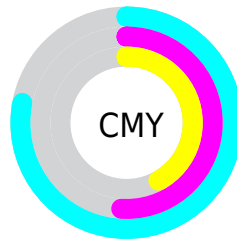
-  Red (22%)
-  Green (49%)
-  Blue (58%)






-  Red (22%)
-  Yellow (37%)
-  Blue (58%)



-  Cyan (63%)
-  Magenta (16%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (78%)
-  Magenta (51%)
-  Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 377D95 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 377D95 by changing the saturation by 10% instead.



■ 377D95

■ 377D95

FFFFFF

■ 14647B

■ 6FB2CB

■ 004C62

■ 8BCDE7

■ 00354A

■ A7E9FF

■ 002034

■ C4FFFF

■ 00021F

■ E1FFFF

■ 000002

FEFFFF

■ 000000

■ 377D95

■ 377D95

■ 287995

■ 468195

197595

558595

0A7295

648895

006F95

738C95

829095

909495

9F9895

AE9B95

BD9F95

# Harmonies

## Analogous

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



318084



377D95



52789D

# Triad

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



377D95



9A667A



72784F

# Complementary

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



377D95



954F37

# 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.



87724C



377D95



9D6665

# Square

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



377D95



8B6A8D



966B54



5A7D5C

# Rectangle

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



377D95



67739C



966B54



79764C



# Sweetspot

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



377D95



9DB8C2



37954F



4B5B61



E0E0E0



616161



# Same Dimension

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



377D95



2F9CC2



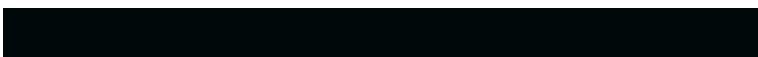
374F95



43484A



00678A



00080A



# Inverse Universe

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



95377D



C22F9C



957E37



4A4348



8A0067

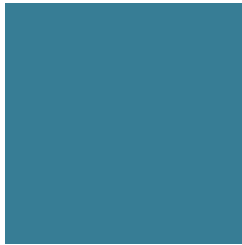


0A0008



# Previews

## White Background



This preview shows how the Hex color 377D95 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 ✓ Pass

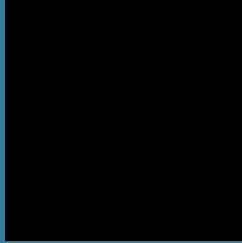
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 377D95 Background



This preview shows how black text looks on a background with the Hex color 377D95.



This preview shows how white text looks on a background with the Hex color 377D95.

# 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](#).

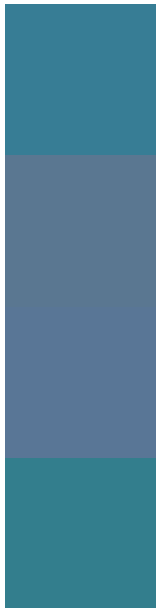
## Dichromacy





**Tritanopia**  
317F89

# Trichromacy



**Original Color**  
377D95

**Protanomaly**  
5A7791

**Deuteranomaly**  
597696

**Tritanomaly**  
337E8D

# Monochromacy



**Original Color**  
377D95

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
58727A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 377D95 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 #377D95 looks like.

```
.text, #text, p{  
    color:#377D95  
}
```

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 #377D95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #377D95
}
```

## Border

The CSS property to change the border of an element to Hex 377D95 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
#377D95 }
```

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

```
.border{ border-color:#377D95 }
```

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

Here you see how a box with a 4 pixel #377D95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #377D95; -webkit-box-shadow:4px 4px  
4px 4px #377D95; box-shadow:4px 4px 4px  
4px #377D95 }
```

# Background

The CSS property to change the background color of an element to Hex 377D95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#377D95 }
```

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

```
.background{ background-color:#377D95 }
```

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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