

# Converting Colors

Hex(377466)

Have a look what the booklet for  
Hex(377466) contains.

<b>Hex(377466)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(377466)

# Conversions

## Conversions Part 1

Format	Color
Hex	377466
RGB	55, 116, 102
RGB Percent	22%, 45%, 40%
CMY	0.7843, 0.5451, 0.6000
CMYK	0.53, 0.00, 0.12, 0.55
HSL	166°, 36%, 34%
HSV	166°, 53%, 45%
XYZ	10.2192, 14.2623, 14.7847
YIQ	96.1650, -31.8620, -17.2860

# Conversions

## Conversions Part 2

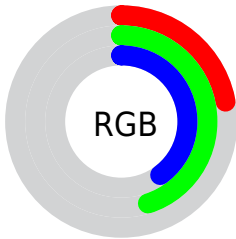
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 89, 116
Decimal	3634278
CIELab	44.61, -23.48, 1.70
CIELCh	45, 23.542, 175.865
Yxy	14.2623, 0.2603, 0.3632
Android (android.graphics.Color)	4281824358 (0xFF377466)
YUV	96.1650, 2.8767, -36.1017
Hunter-Lab	37.7655, -17.7881, 3.2246

# Details

The Hex color **377466** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **743745**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **6BA899**, and **004337** is the 20% darker color. If you saturate the color by 10%, you get **2B7463**, and if you desaturate by 10%, it is **437469**.

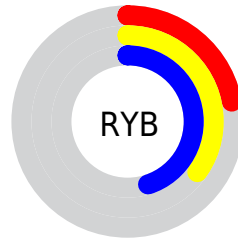
# Distribution



Red (22%)

Green (45%)

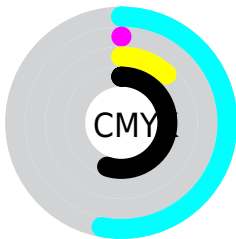
Blue (40%)



Red (22%)

Yellow (35%)

Blue (45%)

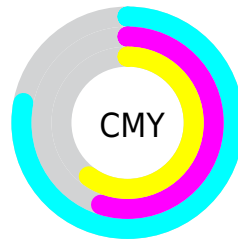


Cyan (53%)

Magenta (0%)

Yellow (12%)

Black (55%)



Cyan (78%)

Magenta (55%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 377466 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 377466 by changing the saturation by 10% instead.



■ 377466

■ 377466

FFFFFF

■ 1C5B4E

■ 6BA899

■ 004337

■ 85C4B4

■ 002D22

■ A0E0CF

■ 00190C

■ BCFDEB

■ 000000

■ D9FFFF

■ F5FFFF

■ 377466

■ 377466

■ 2B7463

■ 437469

■ 207461

■ 4E746B

■ 14745E

■ 5A746E

■ 09745B

■ 657471

■ 007459

■ 717473

■ 7D7476

■ 887479

■ 94747B

■ 9F747E

# Harmonies

## Analogous

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



4F7253



377466



26747A

# Triad

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



377466



68658D



89614A

# Complementary

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



377466



743745

# 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.



905C59



377466



805F80

# Square

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



377466



4A6C90



8D5B6D



796742

# Rectangle

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



377466



287285



8D5B6D



8C5F4E



# Sweetspot

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



377466



7E9691



457437



3E4D49



CCCCCC



4D4D4D



# Same Dimension

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



377466



389681



376474



353B39



007A5E



00FAC1



# Inverse Universe

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



743745



96384D



744737



3B3536



7A001C



FA0039



# Previews

## White Background



This preview shows how the Hex color 377466 looks on a white background.

## Color Contrast Check

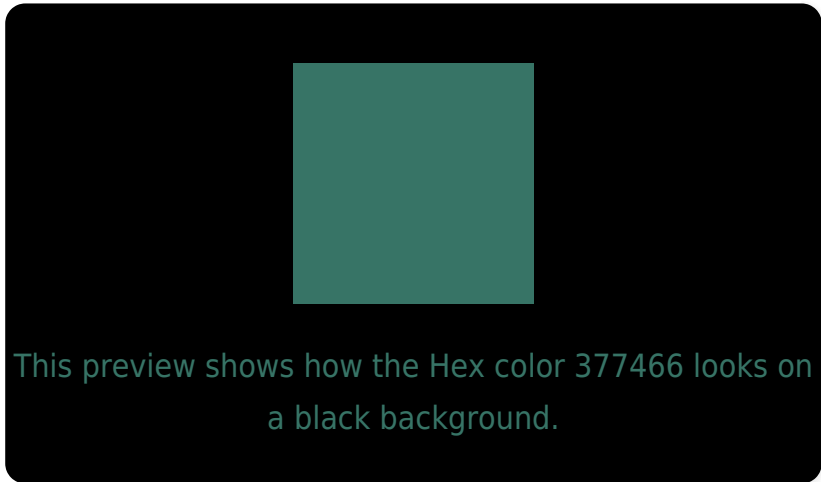
Large Text (above 18pt) WCAG AA ✓ Pass

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

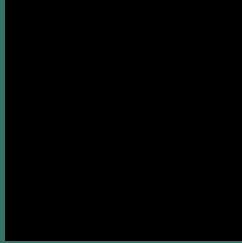
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 377466 Background



This preview shows how black text looks on a background with the Hex color 377466.



This preview shows how white text looks on a background with the Hex color 377466.

# 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**  
377466

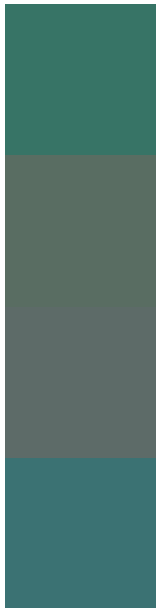
**Protanopia**  
6D6960

**Deuteranopia**  
736669



**Tritanopia**  
3E717A

# Trichromacy



**Original Color**  
377466

**Protanomaly**  
596D62

**Deuteranomaly**  
5D6B68

**Tritanomaly**  
3B7273

# Monochromacy



**Original Color**  
377466

**Achromatopsia**  
606060

**Achromatomaly**  
516762

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 377466 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 #377466 looks like.

```
.text, #text, p{  
    color:#377466  
}
```

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 #377466 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #377466
}
```

## Border

The CSS property to change the border of an element to Hex 377466 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
#377466 }
```

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

```
.border{ border-color:#377466 }
```

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

Here you see how a box with a 4 pixel #377466 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #377466; -webkit-box-shadow:4px 4px  
4px 4px #377466; box-shadow:4px 4px 4px  
4px #377466 }
```

# Background

The CSS property to change the background color of an element to Hex 377466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#377466 }
```

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

```
.background{ background-color:#377466 }
```

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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