

# Converting Colors

Hex(366976)

Have a look what the booklet for  
Hex(366976) contains.

<b>Hex(366976)</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(366976)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	366976
RGB	54, 105, 118
RGB Percent	21%, 41%, 46%
CMY	0.7882, 0.5882, 0.5373
CMYK	0.54, 0.11, 0.00, 0.54
HSL	192°, 37%, 34%
HSV	192°, 54%, 46%
XYZ	9.8429, 12.1954, 18.9747
YIQ	91.2330, -34.5690, -6.7690

# Conversions

## Conversions Part 2

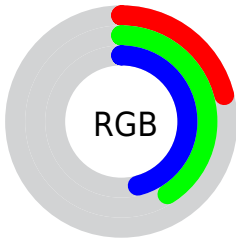
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 82, 118
Decimal	3565942
CIELab	41.53, -13.15, -12.53
CIELCh	42, 18.167, 223.614
Yxy	12.1954, 0.2400, 0.2974
Android (android.graphics.Color)	4281756022 (0xFF366976)
YUV	91.2330, 13.1961, -32.6533
Hunter-Lab	34.9220, -10.8024, -7.7696

# Details

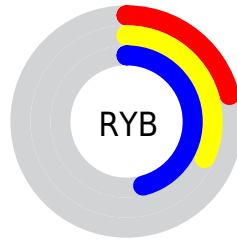
The Hex color **366976** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **764336**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **6A9CAA**, and **003A46** is the 20% darker color. If you saturate the color by 10%, you get **2A6776**, and if you desaturate by 10%, it is **426B76**.

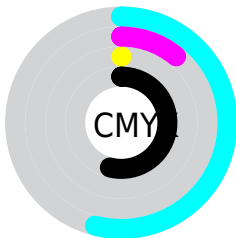
# Distribution



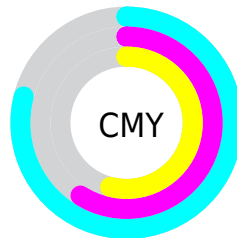
- Red (21%)
- Green (41%)
- Blue (46%)



- Red (21%)
- Yellow (32%)
- Blue (46%)



- Cyan (54%)
- Magenta (11%)
- Yellow (0%)
- Black (54%)



- Cyan (79%)
- Magenta (59%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 366976 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 366976 by changing the saturation by 10% instead.





366976



366976

FFFFFF



1B515D



6A9CAA



003A46



85B7C5



00242F



A0D3E1



000C1B



BBEFFE



000000



D8FFFF



F5FFFF



366976



366976



2A6776



426B76

■ 1E6476

■ 4E6E76

■ 136276

■ 597076

■ 075F76

■ 657376

■ 005E76

■ 717576

■ 7D7776

■ 897A76

■ 947C76

■ A07F76

# Harmonies

## Analogous

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



376A68



366976



44667E

# Triad

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



366976



7A586B



666345

# Complementary

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



366976



764336

# 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.



745E46



366976



80575C

# Square

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



366976



6D5C78



7E5A4E



55674C

# Rectangle

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



366976



52637F



7E5A4E



6B6244



# Sweetspot

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



366976



819499



367643



3E4A4D



CCCCCC



4D4D4D



# Same Dimension

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



366976



368599



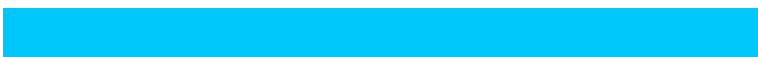
364976



35393B



00627A



00C7FA



# Inverse Universe

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



763669



993685



766336



3B3539



7A0062

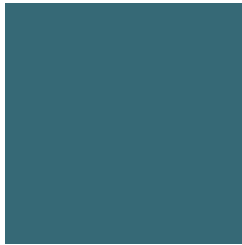


FA00C7



# Previews

## White Background



This preview shows how the Hex color 366976 looks on a white background.

## Color Contrast Check

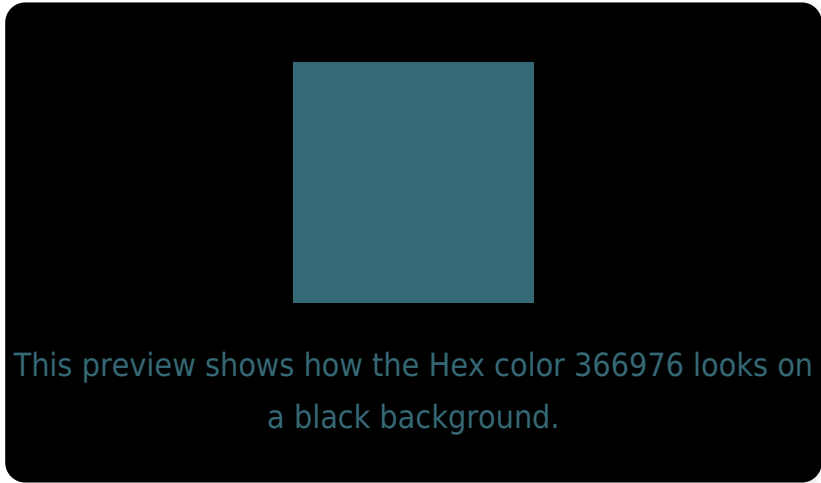
Large Text (above 18pt) WCAG AA ✓ Pass

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

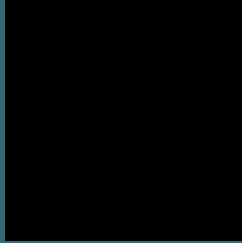
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

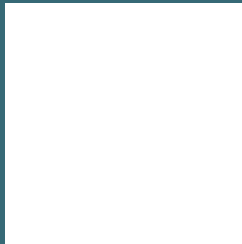
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 366976 Background



This preview shows how black text looks on a background with the Hex color 366976.

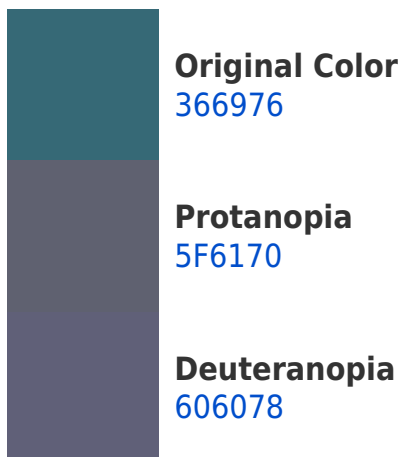


This preview shows how white text looks on a background with the Hex color 366976.

# 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**  
356A72

# Trichromacy



**Original Color**  
366976

**Protanomaly**  
506472

**Deuteranomaly**  
516377

**Tritanomaly**  
356A73

# Monochromacy



**Original Color**  
366976

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
4E6065

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 366976 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 #366976 looks like.

```
.text, #text, p{  
    color:#366976  
}
```

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 #366976 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #366976
}
```

## Border

The CSS property to change the border of an element to Hex 366976 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
#366976 }
```

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

```
.border{ border-color:#366976 }
```

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

Here you see how a box with a 4 pixel #366976 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #366976; -webkit-box-shadow:4px 4px  
4px 4px #366976; box-shadow:4px 4px 4px  
4px #366976 }
```

# Background

The CSS property to change the background color of an element to Hex 366976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#366976 }
```

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

```
.background{ background-color:#366976 }
```

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