

# Converting Colors

Hex(366C45)

Have a look what the booklet for  
Hex(366C45) contains.

<b>Hex(366C45)</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(366C45)

# Conversions

## Conversions Part 1

Format	Color
Hex	366C45
RGB	54, 108, 69
RGB Percent	21%, 42%, 27%
CMY	0.7882, 0.5765, 0.7294
CMYK	0.50, 0.00, 0.36, 0.58
HSL	137°, 33%, 32%
HSV	137°, 50%, 42%
XYZ	7.9581, 11.9391, 7.5153
YIQ	87.4080, -19.6650, -23.5770

# Conversions

## Conversions Part 2

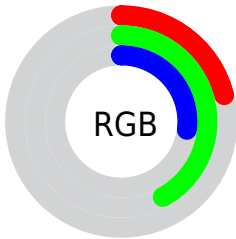
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 96, 108
Decimal	3566661
CIELab	41.12, -27.46, 16.44
CIElCh	41, 32.009, 149.093
Yxy	11.9391, 0.2903, 0.4355
Android (android.graphics.Color)	4281756741 (0xFF366C45)
YUV	87.4080, -9.0751, -29.2988
Hunter-Lab	34.5530, -19.3565, 11.2915

# Details

The Hex color **366C45** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6C365D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **68A076**, and **003C19** is the 20% darker color. If you saturate the color by 10%, you get **2B6C3D**, and if you desaturate by 10%, it is **416C4D**.

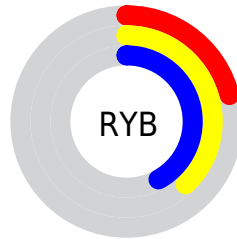
# Distribution



Red (21%)

Green (42%)

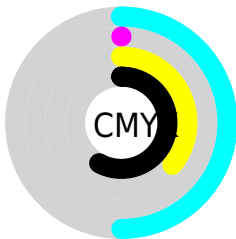
Blue (27%)



Red (21%)

Yellow (38%)

Blue (42%)

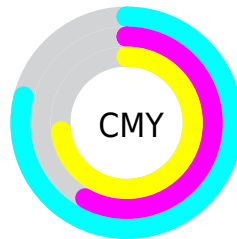


Cyan (50%)

Magenta (0%)

Yellow (36%)

Black (58%)



Cyan (79%)

Magenta (58%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 366C45 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 366C45 by changing the saturation by 10% instead.





366C45



366C45

FFFFFF



1D532E



68A076



003C19



83BB8F



002600



9DD7AA



000800



B9F4C5



000000



D5FFE1



F2FFFE



366C45



366C45



2B6C3D



416C4D

■ 206C35

■ 4C6C55

■ 166C2E

■ 566C5C

■ 0B6C26

■ 616C64

■ 006C1E

■ 6C6C6C

■ 776C74

■ 826C7C

■ 8C6C83

■ 976C8B

# Harmonies

## Analogous

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



576731



366C45



006E5F

# Triad

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



366C45



316495



924E49

# Complementary

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



366C45



6C365D

# 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.



914B63



366C45



625A8F

# Square

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



366C45



006B8D



81517C



865634

# Rectangle

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



366C45



006E71



81517C



934C51



# Sweetspot

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



366C45



778C7D



5E6C36



3B473E



C7C7C7



474747



# Same Dimension

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



366C45



388C4F



366C5F



303632



007521



00F544



# Inverse Universe

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



6C365D



8C3875



6C3643



363034



750055



F500B1



# Previews

## White Background



This preview shows how the Hex color 366C45 looks on a white background.

## Color Contrast Check

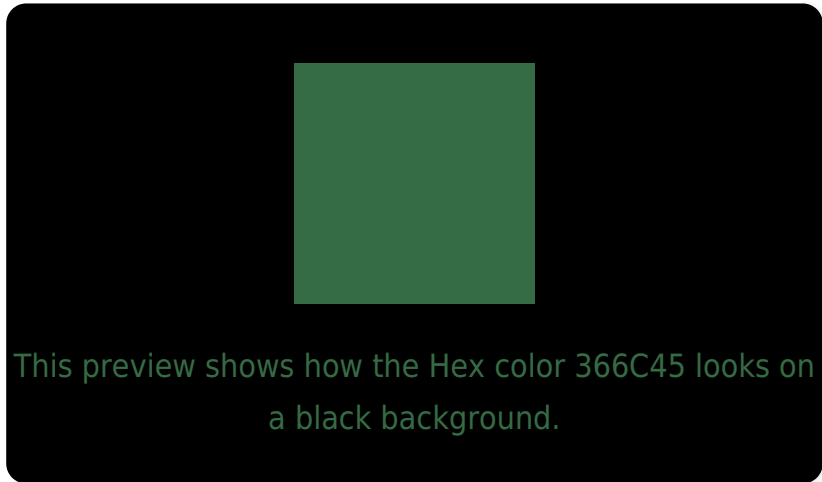
Large Text (above 18pt) WCAG AA ✓ Pass

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

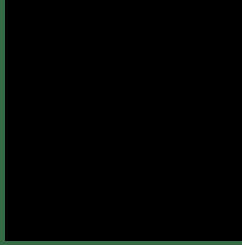
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 366C45 Background



This preview shows how black text looks on a background with the Hex color 366C45.



This preview shows how white text looks on a background with the Hex color 366C45.

# 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**  
366C45

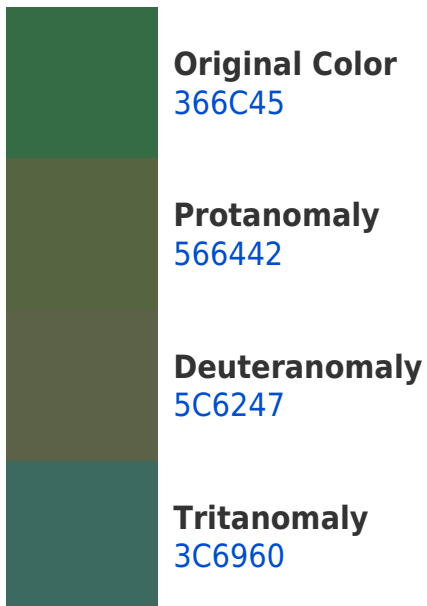
**Protanopia**  
696040

**Deuteranopia**  
725D48

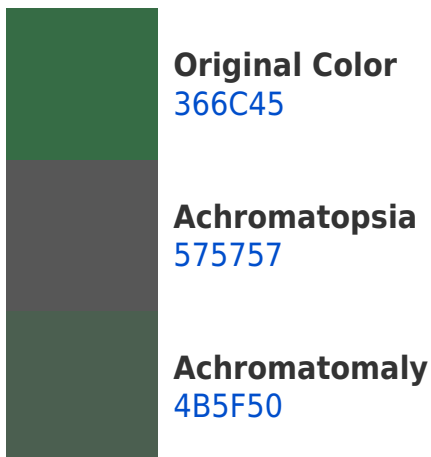


**Tritanopia**  
40676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 366C45 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 #366C45 looks like.

```
.text, #text, p{  
    color:#366C45  
}
```

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 #366C45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #366C45  
}
```

## Border

The CSS property to change the border of an element to Hex 366C45 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  
#366C45 }
```

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

```
.border{ border-color:#366C45 }
```

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

Here you see how a box with a 4 pixel #366C45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #366C45; -webkit-box-shadow:4px 4px  
4px 4px #366C45; box-shadow:4px 4px 4px  
4px #366C45 }
```

# Background

The CSS property to change the background color of an element to Hex 366C45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#366C45 }
```

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

```
.background{ background-color:#366C45 }
```

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