

# Converting Colors

Hex(36556F)

Have a look what the booklet for  
Hex(36556F) contains.

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# Color

**Hex(36556F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	36556F
RGB	54, 85, 111
RGB Percent	21%, 33%, 44%
CMY	0.7882, 0.6667, 0.5647
CMYK	0.51, 0.23, 0.00, 0.56
HSL	207°, 35%, 32%
HSV	207°, 51%, 44%
XYZ	7.6391, 8.4290, 16.2633
YIQ	78.6950, -26.8220, 1.5140

# Conversions

## Conversions Part 2

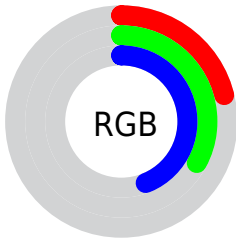
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 74, 111
Decimal	3560815
CIELab	34.86, -3.45, -18.42
CIElCh	35, 18.745, 259.391
Yxy	8.4290, 0.2363, 0.2607
Android (android.graphics.Color)	4281750895 (0xFF36556F)
YUV	78.6950, 15.9264, -21.6575
Hunter-Lab	29.0327, -3.8404, -12.8896

# Details

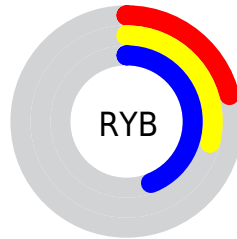
The Hex color **36556F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6F5036**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6887A3**, and **00283F** is the 20% darker color. If you saturate the color by 10%, you get **2B506F**, and if you desaturate by 10%, it is **415A6F**.

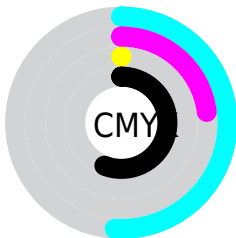
# Distribution



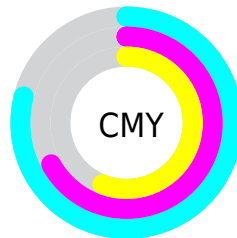
- Red (21%)
- Green (33%)
- Blue (44%)



- Red (21%)
- Yellow (29%)
- Blue (44%)



- Cyan (51%)
- Magenta (23%)
- Yellow (0%)
- Black (56%)



- Cyan (79%)
- Magenta (67%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36556F 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 36556F by changing the saturation by 10% instead.



■ 36556F

■ 36556F

FFFFFF

■ 1D3E57

■ 6887A3

■ 00283F

■ 82A1BE

■ 001429

■ 9DBCDA

■ 000114

■ B9D7F6

■ 000000

■ D5F4FF

■ F2FFFF

■ 36556F

■ 36556F

■ 2B506F

■ 415A6F

■ 204B6F

■ 4C5F6F

■ 15466F

■ 57646F

■ 0A416F

■ 62696F

■ 003C6F

■ 6E6E6F

■ 79736F

■ 84786F

■ 8F7E6F

■ 9A836F

# Harmonies

## Analogous

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



235868



36556F



4D506E

# Triad

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



36556F



704749



41583E

# Complementary

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



36556F



6F5036

# 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.



525436



36556F



6C4A3C

# Square

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



36556F



6C4758



614F35



305A4C

# Rectangle

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



36556F



5A4C69



614F35



47573A



# Sweetspot

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



36556F



7C8791



366F50



3D444A



C9C9C9



4A4A4A



# Same Dimension

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



36556F



376891



36396F



323638



004178



0087F7



# Inverse Universe

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



6F3655



913768



6F6C36



383236



780041

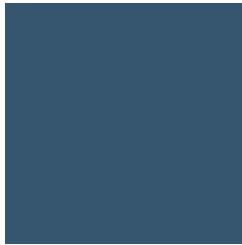


F70087



# Previews

## White Background



This preview shows how the Hex color 36556F looks on a white background.

## Color Contrast Check

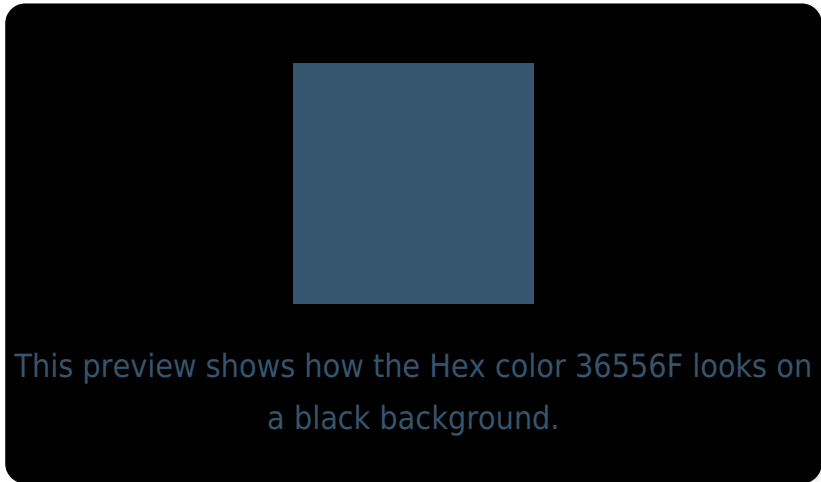
Large Text (above 18pt) WCAG AA ✓ Pass

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

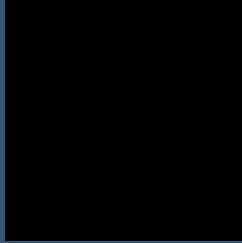
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

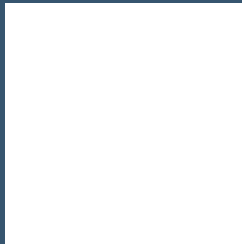
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 36556F Background



This preview shows how black text looks on a background with the Hex color 36556F.

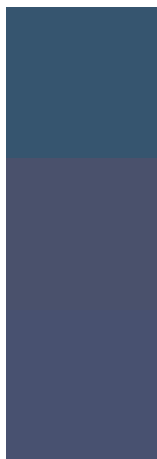


This preview shows how white text looks on a background with the Hex color 36556F.

# 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](#).

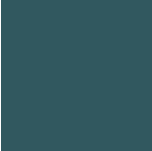
## Dichromacy



**Original Color**  
36556F

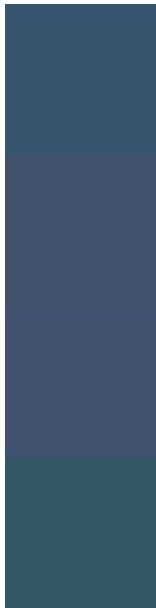
**Protanopia**  
4A516C

**Deuteranopia**  
485170



**Tritanopia**  
31585F

# Trichromacy



**Original Color**  
36556F

**Protanomaly**  
43526D

**Deuteranomaly**  
415270

**Tritanomaly**  
335765

# Monochromacy



**Original Color**  
36556F

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
46515B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36556F 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 #36556F looks like.

```
.text, #text, p{  
    color:#36556F  
}
```

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 #36556F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36556F
}
```

## Border

The CSS property to change the border of an element to Hex 36556F is called "border". The border property can be set on classes, ids or directly on the HTML element.

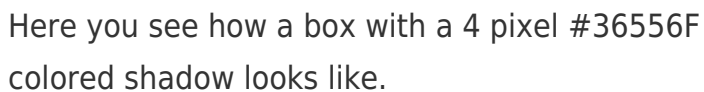
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#36556F }
```

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

```
.border{ border-color:#36556F }
```

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



Here you see how a box with a 4 pixel `#36556F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36556F; -webkit-box-shadow:4px 4px  
4px 4px #36556F; box-shadow:4px 4px 4px  
4px #36556F }
```

# Background

The CSS property to change the background color of an element to Hex 36556F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36556F }
```

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

```
.background{ background-color:#36556F }
```

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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