

# Converting Colors

Hex(41556D)

Have a look what the booklet for  
Hex(41556D) contains.

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# Color

**Hex(41556D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41556D
RGB	65, 85, 109
RGB Percent	25%, 33%, 43%
CMY	0.7451, 0.6667, 0.5725
CMYK	0.40, 0.22, 0.00, 0.57
HSL	213°, 25%, 34%
HSV	213°, 40%, 43%
XYZ	8.1888, 8.7249, 15.7205
YIQ	81.7560, -19.6240, 3.2240

# Conversions

## Conversions Part 2

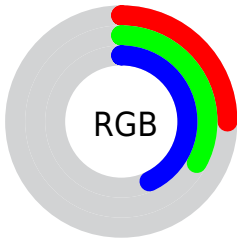
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 79, 109
Decimal	4281709
CIELab	35.45, -0.93, -16.22
CIElCh	35, 16.243, 266.714
Yxy	8.7249, 0.2509, 0.2674
Android (android.graphics.Color)	4282471789 (0xFF41556D)
YUV	81.7560, 13.4313, -14.6950
Hunter-Lab	29.5380, -2.2062, -10.8782

# Details

The Hex color **41556D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6D5941**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7387A1**, and **11283D** is the 20% darker color. If you saturate the color by 10%, you get **364F6D**, and if you desaturate by 10%, it is **4C5B6D**.

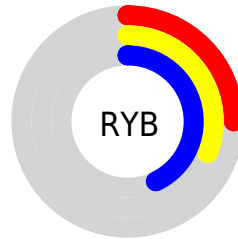
# Distribution



 Red (25%)

 Green (33%)

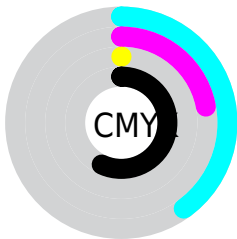
 Blue (43%)



 Red (25%)

 Yellow (31%)

 Blue (43%)

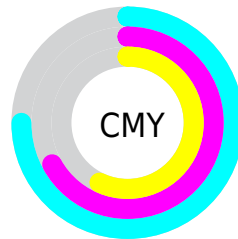


 Cyan (40%)


 Magenta (22%)

 Yellow (0%)

 Black (57%)



 Cyan (75%)

 Magenta (67%)

 Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41556D 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 41556D by changing the saturation by 10% instead.



■ 41556D

■ 41556D

FFFFFF

■ 293E55

■ 7387A1

■ 11283D

■ 8DA1BC

■ 001427

■ A7BCD7

■ 000112

■ C3D7F4

■ 000000

■ DFF4FF

■ FCFFFF

■ 41556D

■ 41556D

■ 364F6D

■ 4C5B6D

■ 2B496D

■ 57616D

■ 20436D

■ 62676D

■ 153D6D

■ 6D6D6D

■ 0A376D

■ 77736D

■ 00326D

■ 82796D

■ 8D7F6D

■ 98856D

■ A38B6D

# Harmonies

## Analogous

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



315869



41556D



53516A

# Triad

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



41556D



6D4B48



425945

# Complementary

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



41556D



6D5941

# 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.



50563C



41556D



684E3E

# Square

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



41556D



6C4A55



5E523A



345B51

# Rectangle

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



41556D



5E4E65



5E523A



475841



# Sweetspot

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



41556D



7E858F



416D58



3D4247



C7C7C7



474747



# Same Dimension

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



41556D



4A698F



42416D



303336



003575



006FF5



# Inverse Universe

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



6D4155



8F4A69



6C6D41



363033



750035

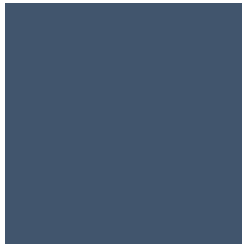


F5006F



# Previews

## White Background



This preview shows how the Hex color 41556D looks on a white background.

## Color Contrast Check

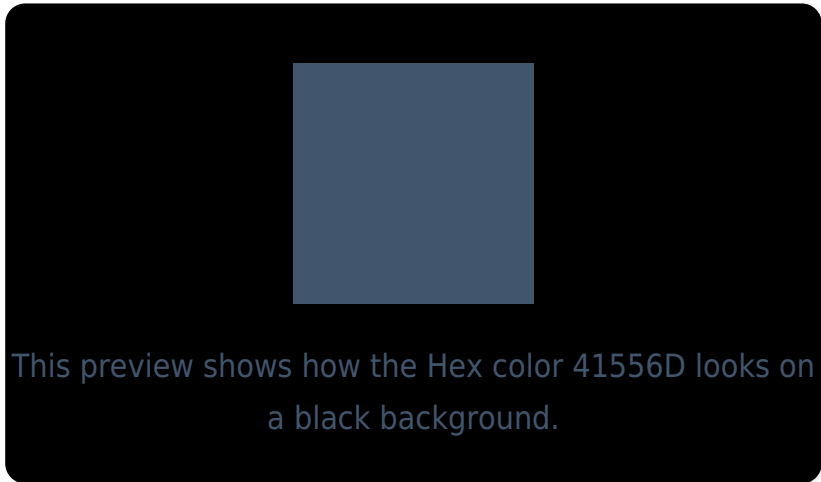
Large Text (above 18pt) WCAG AA ✓ Pass

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

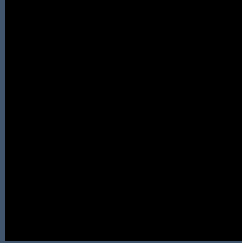
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

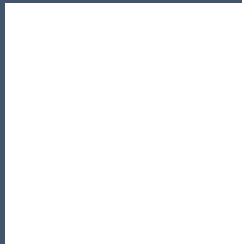
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 41556D Background



This preview shows how black text looks on a background with the Hex color 41556D.

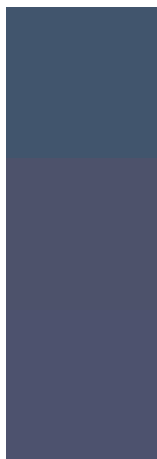


This preview shows how white text looks on a background with the Hex color 41556D.

# 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**  
41556D

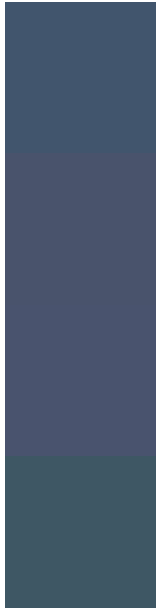
**Protanopia**  
4D526B

**Deuteranopia**  
4D526E



**Tritanopia**  
3D585F

# Trichromacy



**Original Color**  
41556D

**Protanomaly**  
49536C

**Deuteranomaly**  
49536E

**Tritanomaly**  
3E5764

# Monochromacy



**Original Color**  
41556D

**Achromatopsia**  
525252

**Achromatomaly**  
4C535C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41556D 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 #41556D looks like.

```
.text, #text, p{  
    color:#41556D  
}
```

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 #41556D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41556D  
}
```

## Border

The CSS property to change the border of an element to Hex 41556D 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  
#41556D }
```

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

```
.border{ border-color:#41556D }
```

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

Here you see how a box with a 4 pixel #41556D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41556D; -webkit-box-shadow:4px 4px  
4px 4px #41556D; box-shadow:4px 4px 4px  
4px #41556D }
```

# Background

The CSS property to change the background color of an element to Hex 41556D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41556D }
```

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

```
.background{ background-color:#41556D }
```

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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