

# Converting Colors

Hex(446A53)

Have a look what the booklet for  
Hex(446A53) contains.

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# Color

Hex(446A53)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	446A53
RGB	68, 106, 83
RGB Percent	27%, 42%, 33%
CMY	0.7333, 0.5843, 0.6745
CMYK	0.36, 0.00, 0.22, 0.58
HSL	144°, 22%, 34%
HSV	144°, 36%, 42%
XYZ	9.0993, 12.1615, 10.0514
YIQ	92.0160, -15.2650, -15.2090

# Conversions

## Conversions Part 2

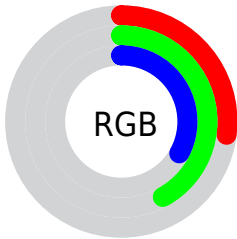
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	68, 95, 106
Decimal	4483667
CIE <sub>Lab</sub>	41.47, -18.99, 8.70
CIE <sub>LCh</sub>	41, 20.889, 155.389
Yxy	12.1615, 0.2906, 0.3884
Android (android.graphics.Color)	4282673747 (0xFF446A53)
YUV	92.0160, -4.4449, -21.0620
Hunter-Lab	34.8734, -14.4538, 7.3224

# Details

The Hex color **446A53** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A445B**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **769E84**, and **153A26** is the 20% darker color. If you saturate the color by 10%, you get **396A4D**, and if you desaturate by 10%, it is **4F6A59**.

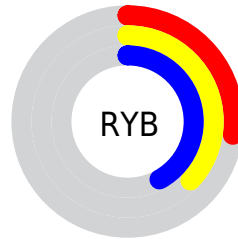
# Distribution



Red (27%)

Green (42%)

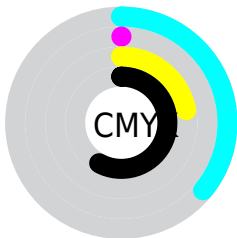
Blue (33%)



Red (27%)

Yellow (37%)

Blue (42%)

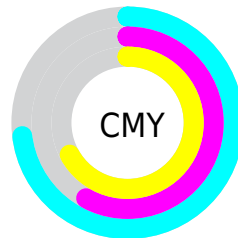


Cyan (36%)

Magenta (0%)

Yellow (22%)

Black (58%)



Cyan (73%)

Magenta (58%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 446A53 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 446A53 by changing the saturation by 10% instead.



■ 446A53

■ 446A53

FFFFFF

■ 2C523C

■ 769E84

■ 153A26

■ 90B99F

■ 002412

■ AAD4BA

■ 000A00

■ C6F1D5

■ 000000

■ E2FFF2

■ 446A53

■ 446A53

■ 396A4D

■ 4F6A59

■ 2F6A46

■ 596A60

■ 246A40

■ 646A66

■ 1A6A39

■ 6E6A6D

■ 0F6A33

■ 796A73

■ 046A2D

■ 846A79

■ 006A2A

■ 8E6A80

■ 996A86

■ A36A8D

# Harmonies

## Analogous

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



586745



446A53



316B64

# Triad

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



446A53



506284



83574F

# Complementary

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



446A53



6A445B

# 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.



83555F



446A53



685C7E

# Square

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



446A53



376781



7A5770



7A5C43

# Rectangle

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



446A53



2A6B70



7A5770



845654



# Sweetspot

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



446A53



7B8A81



5B6A44



3C453F



C4C4C4



454545



# Same Dimension

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



446A53



4E8A66



446A66



303632



00752E



00F561



# Inverse Universe

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



6A445B



8A4E72



6A4448



363033



750047



F50094



# Previews

## White Background



This preview shows how the Hex color 446A53 looks on a white background.

## Color Contrast Check

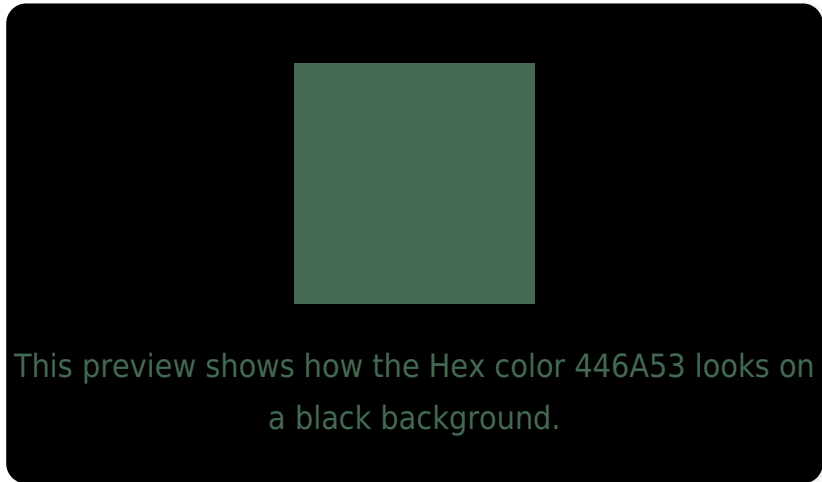
Large Text (above 18pt) WCAG AA ✓ Pass

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

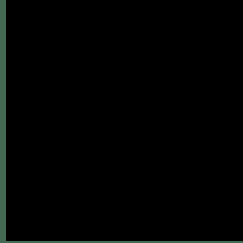
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 446A53 Background



This preview shows how black text looks on a background with the Hex color 446A53.



This preview shows how white text looks on a background with the Hex color 446A53.

# 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**  
446A53

**Protanopia**  
67614F

**Deuteranopia**  
6F5E56



**Tritanopia**  
4A666E

# Trichromacy



**Original Color**  
446A53

**Protanomaly**  
5A6450

**Deuteranomaly**  
5F6255

**Tritanomaly**  
486764

# Monochromacy



**Original Color**  
446A53

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
536159

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 446A53 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 #446A53 looks like.

```
.text, #text, p{  
    color:#446A53  
}
```

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 #446A53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446A53
}
```

## Border

The CSS property to change the border of an element to Hex 446A53 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
#446A53 }
```

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

```
.border{ border-color:#446A53 }
```

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

Here you see how a box with a 4 pixel #446A53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446A53; -webkit-box-shadow:4px 4px  
4px 4px #446A53; box-shadow:4px 4px 4px  
4px #446A53 }
```

# Background

The CSS property to change the background color of an element to Hex 446A53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446A53 }
```

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

```
.background{ background-color:#446A53 }
```

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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