

# Converting Colors

Hex(446D52)

Have a look what the booklet for  
Hex(446D52) contains.

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# Color

Hex(446D52)

# Conversions

## Conversions Part 1

Format	Color
Hex	446D52
RGB	68, 109, 82
RGB Percent	27%, 43%, 32%
CMY	0.7333, 0.5725, 0.6784
CMYK	0.38, 0.00, 0.25, 0.57
HSL	140°, 23%, 35%
HSV	140°, 38%, 43%
XYZ	9.3755, 12.7754, 9.9544
YIQ	93.6630, -15.7690, -17.0890

# Conversions

## Conversions Part 2

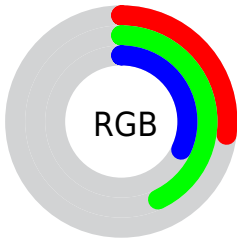
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 99, 109
Decimal	4484434
CIELab	42.42, -20.80, 10.63
CIELCh	42, 23.359, 152.927
Yxy	12.7754, 0.2920, 0.3979
Android (android.graphics.Color)	4282674514 (0xFF446D52)
YUV	93.6630, -5.7499, -22.5065
Hunter-Lab	35.7427, -15.7282, 8.5075

# Details

The Hex color **446D52** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6D445F**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **76A183**, and **153D25** is the 20% darker color. If you saturate the color by 10%, you get **396D4B**, and if you desaturate by 10%, it is **4F6D59**.

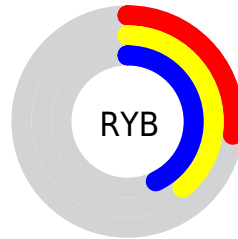
# Distribution



Red (27%)

Green (43%)

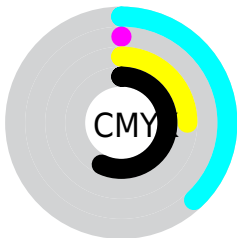
Blue (32%)



Red (27%)

Yellow (39%)

Blue (43%)

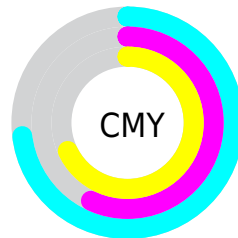


Cyan (38%)

Magenta (0%)

Yellow (25%)

Black (57%)



Cyan (73%)

Magenta (57%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 446D52 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 446D52 by changing the saturation by 10% instead.




 446D52

 446D52

FFFFFF

 2C543B

 76A183

 153D25

 90BC9E

 002711

 ABD8B8

 001000

 C6F4D4

 000000

 E3FFF1

 446D52

 446D52

 396D4B

 4F6D59

 2E6D44

 5A6D60

 236D3C

 656D68

 186D35

 706D6F

 0E6D2E

 7B6D76

 036D27

 856D7D

 006D25

 906D84

 9B6D8B

 A66D93

# Harmonies

## Analogous

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



5B6943



446D52



2D6F65

# Triad

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



446D52



4C658A



895750

# Complementary

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



446D52



6D445F

# 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.



895563



446D52



695E84

# Square

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



446D52



2E6B86



7E5876



805D42

# Rectangle

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



446D52



206E72



7E5876



8A5656



# Sweetspot

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



446D52



7F8F84



5F6D44



3E4741



C7C7C7



474747



# Same Dimension

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



446D52



4F8F64



446D66



303632



007528



00F554



# Inverse Universe

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



6D445F



8F4F79



6D444B



363034



75004D



F500A1



# Previews

## White Background



This preview shows how the Hex color 446D52 looks on a white background.

## Color Contrast Check

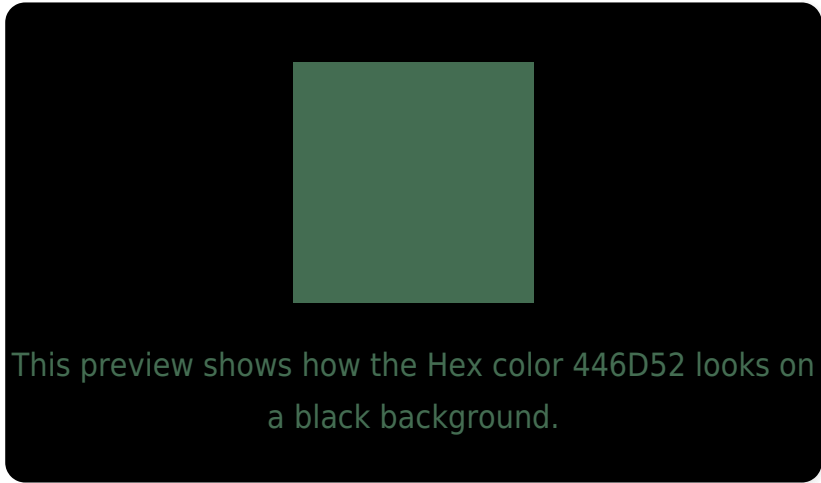
Large Text (above 18pt) WCAG AA ✓ Pass

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

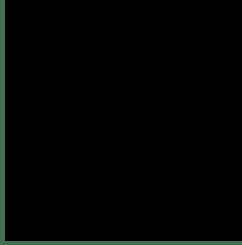
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 446D52 Background



This preview shows how black text looks on a background with the Hex color 446D52.



This preview shows how white text looks on a background with the Hex color 446D52.

# 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**  
446D52

**Protanopia**  
6A644E

**Deuteranopia**  
736055



**Tritanopia**  
4B6971

# Trichromacy



**Original Color**  
446D52

**Protanomaly**  
5C674F

**Deuteranomaly**  
626554

**Tritanomaly**  
486A66

# Monochromacy



**Original Color**  
446D52

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
55635A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 446D52 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 #446D52 looks like.

```
.text, #text, p{  
    color:#446D52  
}
```

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 #446D52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446D52
}
```

## Border

The CSS property to change the border of an element to Hex 446D52 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
#446D52 }
```

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

```
.border{ border-color:#446D52 }
```

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

Here you see how a box with a 4 pixel #446D52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446D52; -webkit-box-shadow:4px 4px  
4px 4px #446D52; box-shadow:4px 4px 4px  
4px #446D52 }
```

# Background

The CSS property to change the background color of an element to Hex 446D52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446D52 }
```

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

```
.background{ background-color:#446D52 }
```

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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