

Converting Colors

Hex(446962)

Have a look what the booklet for
Hex(446962) contains.

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Color

Hex(446962)

Conversions

Conversions Part 1

Format	Color
Hex	446962
RGB	68, 105, 98
RGB Percent	27%, 41%, 38%
CMY	0.7333, 0.5882, 0.6157
CMYK	0.35, 0.00, 0.07, 0.59
HSL	169°, 21%, 34%
HSV	169°, 35%, 41%
XYZ	9.6401, 12.2139, 13.4047
YIQ	93.1390, -19.8050, -10.0210

Conversions

Conversions Part 2

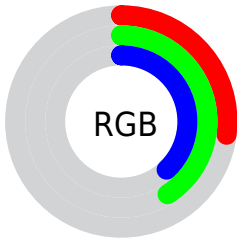
Format	Color
RYB	68, 88, 105
Decimal	4483426
CIELab	41.55, -14.90, -0.26
CIELCh	42, 14.904, 181.009
Yxy	12.2139, 0.2734, 0.3464
Android (android.graphics.Color)	4282673506 (0xFF446962)
YUV	93.1390, 2.3965, -22.0469
Hunter-Lab	34.9484, -11.9229, 1.7228

Details

The Hex color **446962** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **69444B**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **769C95**, and **153A34** is the 20% darker color. If you saturate the color by 10%, you get **3A6960**, and if you desaturate by 10%, it is **4F6964**.

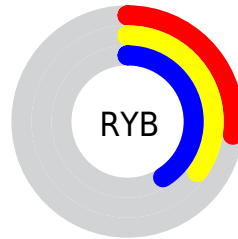
Distribution



 Red (27%)

 Green (41%)

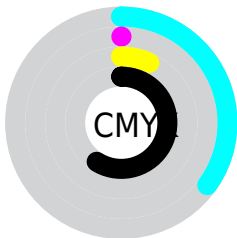
 Blue (38%)



 Red (27%)

 Yellow (35%)

 Blue (41%)

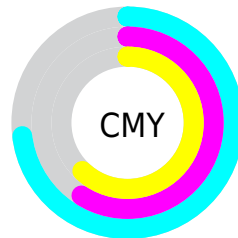


 Cyan (35%)

 Magenta (0%)

 Yellow (7%)

 Black (59%)



 Cyan (73%)

 Magenta (59%)

 Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 446962 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 446962 by changing the saturation by 10% instead.



446962



446962

FFFFFF



2C514A



769C95



153A34



90B7AF



00241F



ABD3CB



000B06



C6EFE7



000000



E2FFFF



446962



446962



3A6960



4F6964



2F695E



596966

■ 25695C

■ 646968

■ 1A695A

■ 6E696A

■ 0F6958

■ 78696C

■ 056956

■ 83696E

■ 006955

■ 8E6970

■ 986972

■ A36974

Harmonies

Analogous

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



506856



446962



3F696E

Triad

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



446962



655F77



755D4D

Complementary

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



446962



69444B

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.



7B5A56



446962



725B6E

Square

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



446962



54637A



7A5962



6B614A

Rectangle

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



446962



426775



7A5962



785C4F

Sweetspot

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



446962



7B8A87



4B6944



3C4543



C4C4C4



454545

Same Dimension

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



446962



508A7F



445E69



303635



00755F



00F5C6

Inverse Universe

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



69444B



8A505B



694F44



363031



750016



F5002E

Previews

White Background



This preview shows how the Hex color 446962 looks on a white background.

Color Contrast Check

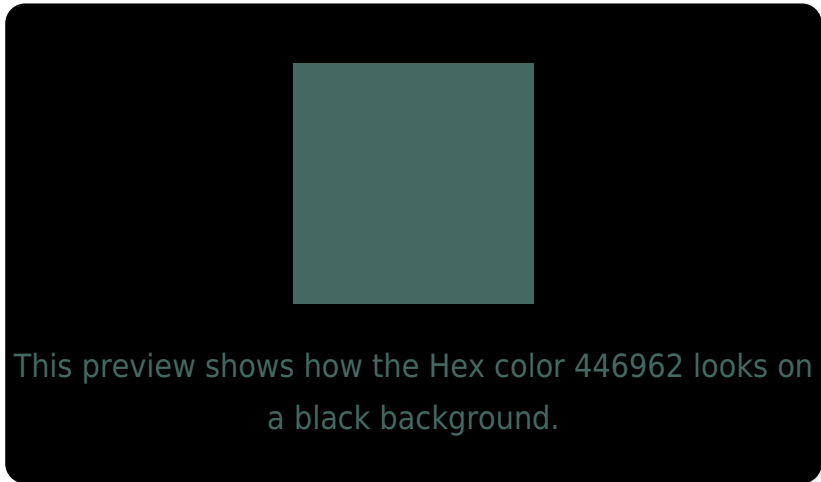
Large Text (above 18pt) WCAG AA ✓ Pass

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

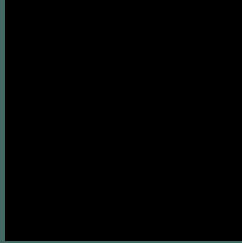
Any Text WCAG AA × Fail

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 446962 Background



This preview shows how black text looks on a background with the Hex color 446962.



This preview shows how white text looks on a background with the Hex color 446962.

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
446962

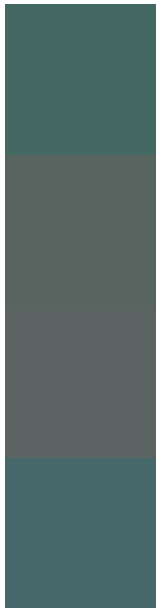
Protanopia
64615E

Deuteranopia
6A5F64



Tritanopia
47676F

Trichromacy



Original Color

446962

Protanomaly

58645F

Deuteranomaly

5C6363

Tritanomaly

46686A

Monochromacy



Original Color

446962

Achromatopsia

5D5D5D

Achromatomaly

54615F

CSS Examples

Text

The CSS property to change the color of the text to Hex 446962 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 #446962 looks like.

```
.text, #text, p{  
    color:#446962  
}
```

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 #446962 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446962
}
```

Border

The CSS property to change the border of an element to Hex 446962 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
#446962 }
```

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

```
.border{ border-color:#446962 }
```

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

Here you see how a box with a 4 pixel #446962 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446962; -webkit-box-shadow:4px 4px  
4px 4px #446962; box-shadow:4px 4px 4px  
4px #446962 }
```

Background

The CSS property to change the background color of an element to Hex 446962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446962 }
```

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

```
.background{ background-color:#446962 }
```

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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