

Converting Colors

Hex(446568)

Have a look what the booklet for
Hex(446568) contains.

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Color

Hex(446568)

Conversions

Conversions Part 1

Format	Color
Hex	446568
RGB	68, 101, 104
RGB Percent	27%, 40%, 41%
CMY	0.7333, 0.6039, 0.5922
CMYK	0.35, 0.03, 0.00, 0.59
HSL	185°, 21%, 34%
HSV	185°, 35%, 41%
XYZ	9.5363, 11.5358, 14.8207
YIQ	91.4750, -20.6310, -6.0630

Conversions

Conversions Part 2

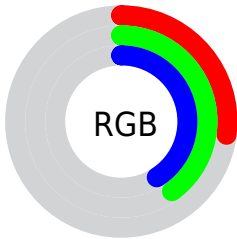
Format	Color
RYB	68, 85, 104
Decimal	4482408
CIELab	40.47, -11.06, -5.52
CIELCh	40, 12.364, 206.521
Yxy	11.5358, 0.2657, 0.3214
Android (android.graphics.Color)	4282672488 (0xFF446568)
YUV	91.4750, 6.1748, -20.5876
Hunter-Lab	33.9644, -9.3197, -2.0968

Details

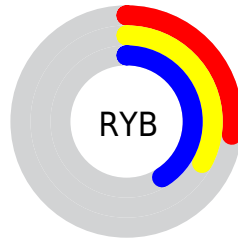
The Hex color **446568** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **684744**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **76989B**, and **153639** is the 20% darker color. If you saturate the color by 10%, you get **3A6468**, and if you desaturate by 10%, it is **4E6668**.

Distribution



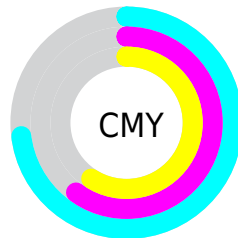
- Red (27%)
- Green (40%)
- Blue (41%)



- Red (27%)
- Yellow (33%)
- Blue (41%)



- Cyan (35%)
- Magenta (3%)
- Yellow (0%)
- Black (59%)



- Cyan (73%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 446568 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 446568 by changing the saturation by 10% instead.

■ 446568

■ 446568

FFFFFF

■ 2C4D50

■ 76989B

■ 153639

■ 90B3B6

■ 002124

■ ABCED1

■ 00040E

■ C6EAEE

■ 000000

■ E2FFFF

■ 446568

■ 446568

■ 3A6468

■ 4E6668

■ 2F6368

■ 596768

■ 256268

■ 636868

■ 1A6268

■ 6E6868

■ 106168

■ 786968

■ 066068

■ 826A68

■ 005F68

■ 8D6B68

■ 976C68

■ A26D68

Harmonies

Analogous

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



48655E



446568



486370

Triad

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



446568



6B5A6B



685E4B

Complementary

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



446568



684744

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.



715B4F



446568



735861

Square

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



446568



605D71



745957



5E624D

Rectangle

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



446568



4E6273



745957



6C5D4C

Sweetspot

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



446568



7A8687



446847



3D4445



C4C4C4



454545

Same Dimension

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



446568



4E8287



445368



2E3333



006973



00DEF2

Inverse Universe

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



684465



874E82



685944



332E33



730069



F200DE

Previews

White Background



This preview shows how the Hex color 446568 looks on a white background.

Color Contrast Check

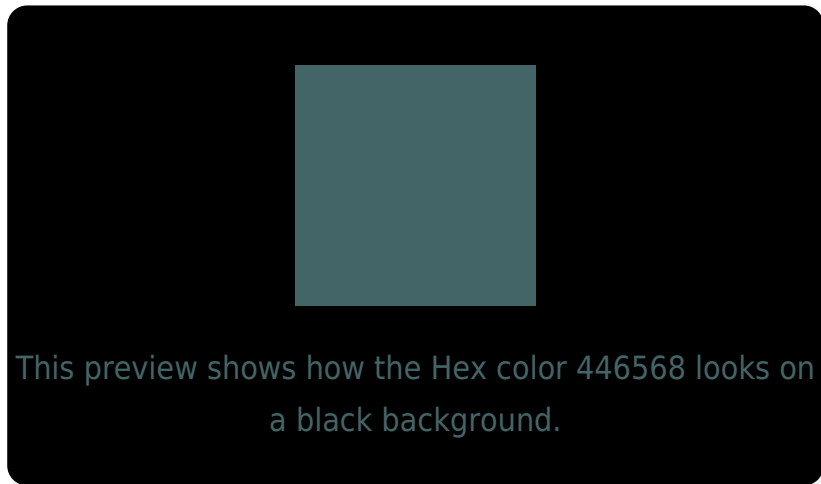
Large Text (above 18pt) WCAG AA ✓ Pass

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

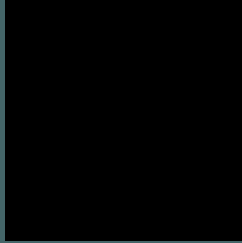
Any Text WCAG AA × Fail

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 446568 Background



This preview shows how black text looks on a background with the Hex color 446568.



This preview shows how white text looks on a background with the Hex color 446568.

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
446568

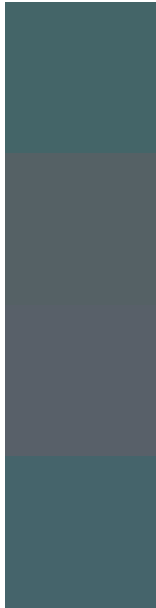
Protanopia
5F5F64

Deuteranopia
635D6A



Tritanopia
45646C

Trichromacy



Original Color
446568

Protanomaly
556165

Deuteranomaly
586069

Tritanomaly
45646B

Monochromacy



Original Color
446568

Achromatopsia
5B5B5B

Achromatomaly
535F60

CSS Examples

Text

The CSS property to change the color of the text to Hex 446568 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 #446568 looks like.

```
.text, #text, p{  
    color:#446568  
}
```

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 #446568 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446568
}
```

Border

The CSS property to change the border of an element to Hex 446568 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
#446568 }
```

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

```
.border{ border-color:#446568 }
```

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

Here you see how a box with a 4 pixel #446568 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446568; -webkit-box-shadow:4px 4px  
4px 4px #446568; box-shadow:4px 4px 4px  
4px #446568 }
```

Background

The CSS property to change the background color of an element to Hex 446568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446568 }
```

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

```
.background{ background-color:#446568 }
```

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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