

Converting Colors

Hex(446466)

Have a look what the booklet for
Hex(446466) contains.

Hex(446466)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(446466)

Conversions

Conversions Part 1

Format	Color
Hex	446466
RGB	68, 100, 102
RGB Percent	27%, 39%, 40%
CMY	0.7333, 0.6078, 0.6000
CMYK	0.33, 0.02, 0.00, 0.60
HSL	184°, 20%, 33%
HSV	184°, 33%, 40%
XYZ	9.3393, 11.3026, 14.2598
YIQ	90.6600, -19.7140, -6.1620

Conversions

Conversions Part 2

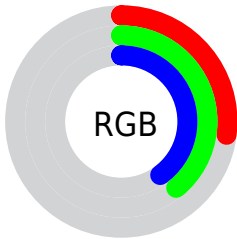
Format	Color
R_{YB}	68, 84, 102
Decimal	4482150
CIE _{Lab}	40.09, -11.02, -4.87
CIE _{LCh}	40, 12.049, 203.823
Yxy	11.3026, 0.2676, 0.3238
Android (android.graphics.Color)	4282672230 (0xFF446466)
YUV	90.6600, 5.5906, -19.8728
Hunter-Lab	33.6193, -9.2471, -1.6145

Details

The Hex color **446466** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **664644**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **769799**, and **153537** is the 20% darker color. If you saturate the color by 10%, you get **3A6366**, and if you desaturate by 10%, it is **4E6566**.

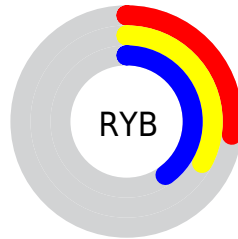
Distribution



Red (27%)

Green (39%)

Blue (40%)



Red (27%)

Yellow (33%)

Blue (40%)

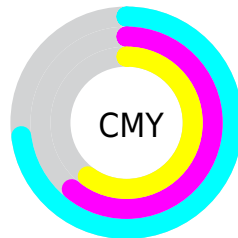


Cyan (33%)

Magenta (2%)

Yellow (0%)

Black (60%)



Cyan (73%)

Magenta (61%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 446466 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 446466 by changing the saturation by 10% instead.

■ 446466

■ 446466

FFFFFF

■ 2C4C4E

■ 769799

■ 153537

■ 90B2B4

■ 002022

■ AACDCF

■ 00010C

■ C6E9EB

■ 000000

■ E2FFFF

■ 446466

■ 446466

■ 3A6366

■ 4E6566

■ 306366

■ 586566

■ 256266

■ 636666

■ 1B6266

■ 6D6666

■ 116166

■ 776766

■ 076066

■ 816866

■ 006066

■ 8B6866

■ 966966

■ A06966

Harmonies

Analogous

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



49645C



446466



47636E

Triad

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



446466



695A6A



685D4B

Complementary

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



446466



664644

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.



705A4F



446466



715861

Square

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



446466



5E5D70



735857



5E604C

Rectangle

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



446466



4D6171



735857



6B5C4C

Sweetspot

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



446466



778485



446646



3A4242



C2C2C2



424242

Same Dimension

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



446466



508185



445366



2E3333



006C73



00E4F2

Inverse Universe

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



664464



855081



665744



332E33



73006C



F200E4

Previews

White Background



This preview shows how the Hex color 446466 looks on a white background.

Color Contrast Check

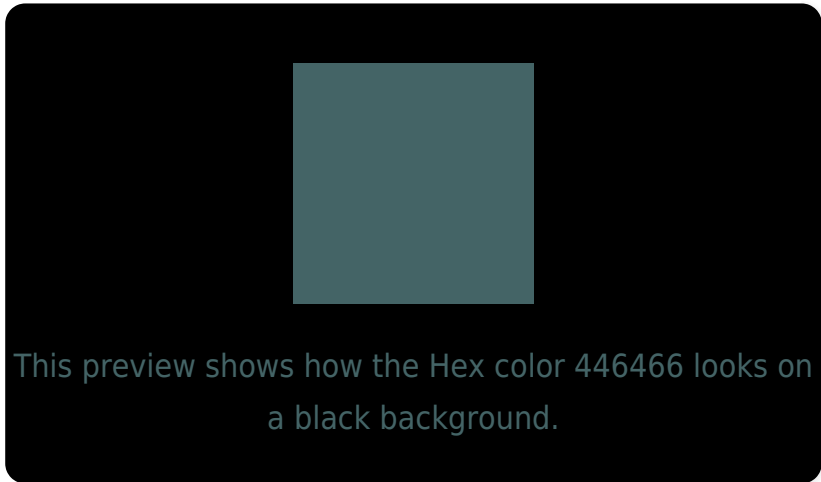
Large Text (above 18pt) WCAG AA ✓ Pass

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

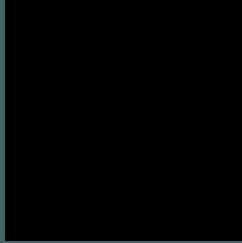
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

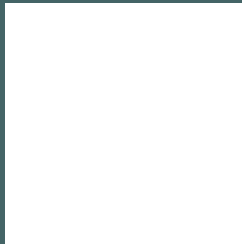
Any Text WCAG AAA × Fail

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

Hex 446466 Background



This preview shows how black text looks on a background with the Hex color 446466.

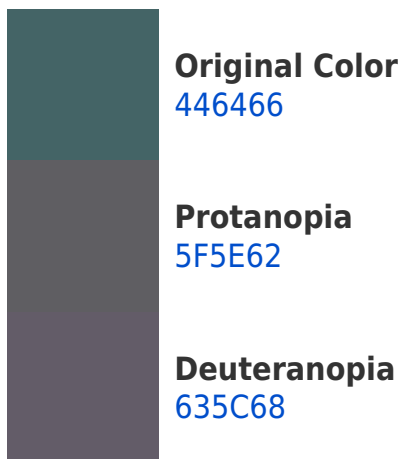


This preview shows how white text looks on a background with the Hex color 446466.

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](#).

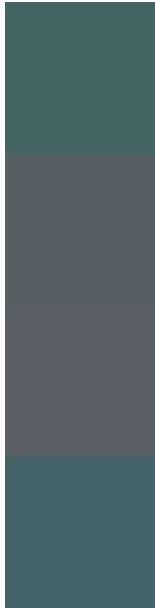
Dichromacy





Tritanopia
45636B

Trichromacy



Original Color

446466

Protanomaly

556063

Deuteranomaly

585F67

Tritanomaly

456369

Monochromacy



Original Color

446466

Achromatopsia

5B5B5B

Achromatomaly

535E5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 446466 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 #446466 looks like.

```
.text, #text, p{  
    color:#446466  
}
```

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 #446466 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446466
}
```

Border

The CSS property to change the border of an element to Hex 446466 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
#446466 }
```

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

```
.border{ border-color:#446466 }
```

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

Here you see how a box with a 4 pixel #446466 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446466; -webkit-box-shadow:4px 4px  
4px 4px #446466; box-shadow:4px 4px 4px  
4px #446466 }
```

Background

The CSS property to change the background color of an element to Hex 446466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446466 }
```

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

```
.background{ background-color:#446466 }
```

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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