

Converting Colors

Hex(446796)

Have a look what the booklet for
Hex(446796) contains.

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Color

Hex(446796)

Conversions

Conversions Part 1

Format	Color
Hex	446796
RGB	68, 103, 150
RGB Percent	27%, 40%, 59%
CMY	0.7333, 0.5961, 0.4118
CMYK	0.55, 0.31, 0.00, 0.41
HSL	214°, 38%, 43%
HSV	214°, 55%, 59%
XYZ	12.7392, 13.1314, 30.7174
YIQ	97.8930, -35.9470, 7.1970

Conversions

Conversions Part 2

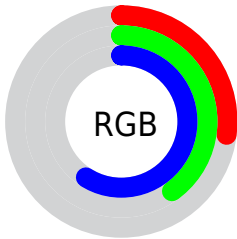
Format	Color
R_{YB}	68, 93, 150
Decimal	4482966
CIE _{Lab}	42.96, 1.74, -29.51
CIE _{LCh}	43, 29.566, 273.374
Yxy	13.1314, 0.2251, 0.2321
Android (android.graphics.Color)	4282673046 (0xFF446796)
YUV	97.8930, 25.6888, -26.2162
Hunter-Lab	36.2373, -0.6640, -24.8923

Details

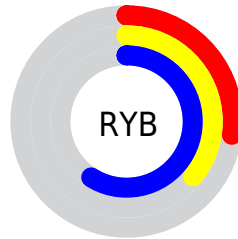
The Hex color **446796** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **967344**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7A9ACC**, and **033863** is the 20% darker color. If you saturate the color by 10%, you get **355E96**, and if you desaturate by 10%, it is **537096**.

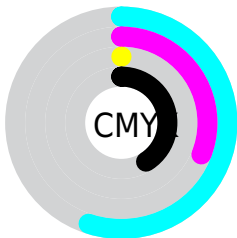
Distribution



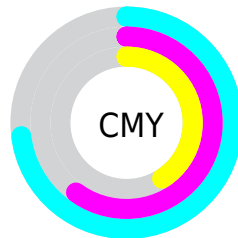
- Red (27%)
- Green (40%)
- Blue (59%)



- Red (27%)
- Yellow (36%)
- Blue (59%)



- Cyan (55%)
- Magenta (31%)
- Yellow (0%)
- Black (41%)



- Cyan (73%)
- Magenta (60%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 446796 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 446796 by changing the saturation by 10% instead.

■ 446796

■ 446796

FFFFFF

■ 284F7C

■ 7A9ACC

■ 033863

■ 95B5E9

■ 00234B

■ B1D0FF

■ 000D34

■ CDECFF

■ 00021E

■ EAFFFF

■ 000000

■ 446796

■ 446796

■ 355E96

■ 537096

■ 265696

■ 627896

■ 174D96

■ 718196

■ 084596

■ 808996

■ 004096

■ 8F9296

■ 9E9B96

■ ADA396

■ BCAC96

■ CBB496

Harmonies

Analogous

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



006E91



446796



6B5E8E

Triad

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



446796



93554C



3A704F

Complementary

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



446796



967344

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.



596C3C



446796



875C3A

Square

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



446796



935264



726534



087268

Rectangle

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



446796



7F5883



726534



456F47

Sweetspot

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



446796



A3B0C2



449672



4E5661



E0E0E0



616161

Same Dimension

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



446796



4278C2



494496



43464A



003B8A



00040A

Inverse Universe

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



964467



C24278



919644



4A4346



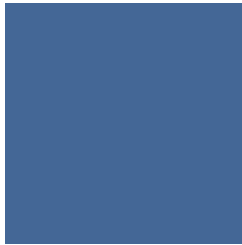
8A003B



0A0004

Previews

White Background



This preview shows how the Hex color 446796 looks on a white background.

Color Contrast Check

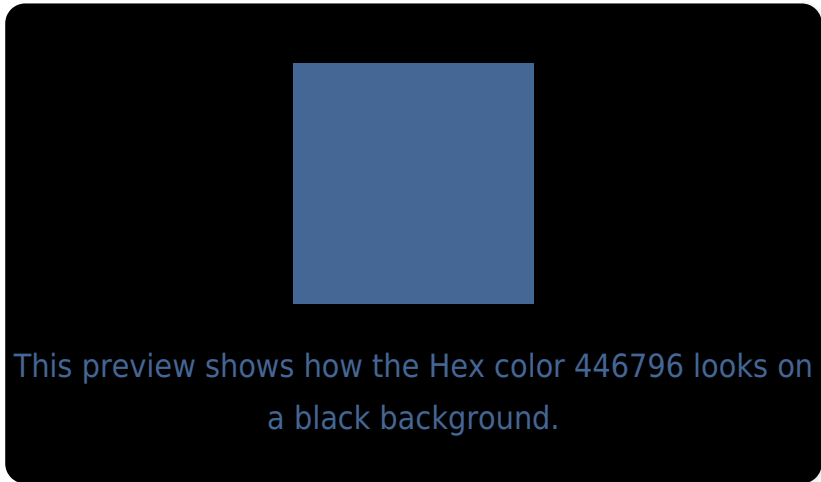
Large Text (above 18pt) WCAG AA ✓ Pass

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 446796 Background



This preview shows how black text looks on a background with the Hex color 446796.

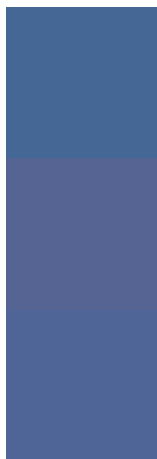


This preview shows how white text looks on a background with the Hex color 446796.

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


446796

Protanopia

566493

Deuteranopia

4F6597



Tritanopia
386D76

Trichromacy



Original Color
446796

Protanomaly
4F6594

Deuteranomaly
4B6697

Tritanomaly
3C6B82

Monochromacy



Original Color
446796

Achromatopsia
626262

Achromatomaly
576475

CSS Examples

Text

The CSS property to change the color of the text to Hex 446796 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 #446796 looks like.

```
.text, #text, p{  
    color:#446796  
}
```

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 #446796 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446796
}
```

Border

The CSS property to change the border of an element to Hex 446796 is called "border". The border property can be set on classes, ids or directly on the HTML element.

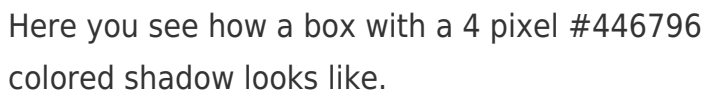
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#446796 }
```

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

```
.border{ border-color:#446796 }
```

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



Here you see how a box with a 4 pixel #446796 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446796; -webkit-box-shadow:4px 4px  
4px 4px #446796; box-shadow:4px 4px 4px  
4px #446796 }
```

Background

The CSS property to change the background color of an element to Hex 446796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446796 }
```

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

```
.background{ background-color:#446796 }
```

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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