

Converting Colors

Hex(446499)

Have a look what the booklet for
Hex(446499) contains.

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Color

Hex(446499)

Conversions

Conversions Part 1

Format	Color
Hex	446499
RGB	68, 100, 153
RGB Percent	27%, 39%, 60%
CMY	0.7333, 0.6078, 0.4000
CMYK	0.56, 0.35, 0.00, 0.40
HSL	217°, 38%, 43%
HSV	217°, 56%, 60%
XYZ	12.6908, 12.6432, 31.9085
YIQ	96.4740, -36.0850, 9.6990

Conversions

Conversions Part 2

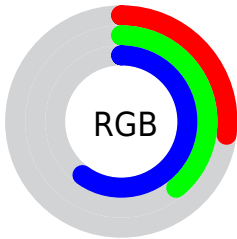
Format	Color
R _Y B	68, 91, 153
Decimal	4482201
CIE Lab	42.22, 4.61, -32.46
CIE LCh	42, 32.790, 278.075
Yxy	12.6432, 0.2217, 0.2209
Android (android.graphics.Color)	4282672281 (0xFF446499)
YUV	96.4740, 27.8673, -24.9717
Hunter-Lab	35.5573, 1.4837, -28.3158

Details

The Hex color **446499** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **997944**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7A97D0**, and **003666** is the 20% darker color. If you saturate the color by 10%, you get **355A99**, and if you desaturate by 10%, it is **536E99**.

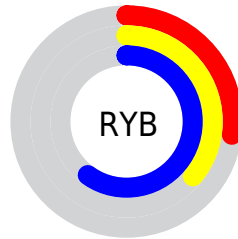
Distribution



Red (27%)

Green (39%)

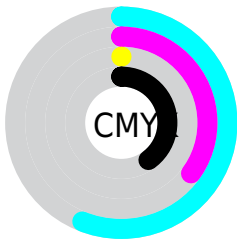
Blue (60%)



Red (27%)

Yellow (36%)

Blue (60%)

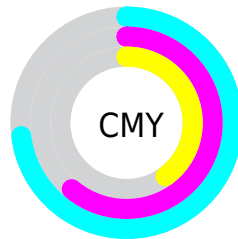


Cyan (56%)

Magenta (35%)

Yellow (0%)

Black (40%)



Cyan (73%)

Magenta (61%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 446499 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 446499 by changing the saturation by 10% instead.

■ 446499

■ 446499

FFFFFF

■ 284C7F

■ 7A97D0

■ 003666

■ 95B1EC

■ 00214D

■ B1CDFF

■ 000936

■ CEE9FF

■ 000220

■ EBFFFF

■ 000004

■ 000000

■ 446499

■ 446499

■ 355A99

■ 536E99

■ 255199

■ 637799

■ 164799

■ 728199

■ 073E99

■ 818A99

■ 003A99

■ 919499

■ A09D99

■ AFA799

■ BEB099

■ CEBA99

Harmonies

Analogous

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



006C95



446499



705A8E

Triad

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



446499



935244



2A704F

Complementary

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



446499



997944

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.



506C38



446499



845B31

Square

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



446499



964D5D



6D652C



00726A

Rectangle

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



446499



835381



6D652C



396F46

Sweetspot

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



446499



A5B2C7



449978



505763



E3E3E3



636363

Same Dimension

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



446499



4274C7



4E4499



45484D



00358C



00050D

Inverse Universe

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



994464



C74274



8F9944



4D4548



8C0035



0D0005

Previews

White Background



This preview shows how the Hex color 446499 looks on a white background.

Color Contrast Check

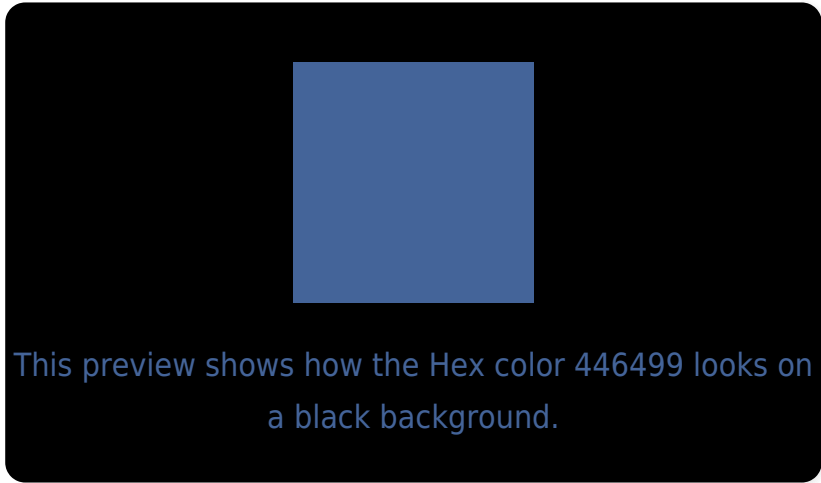
Large Text (above 18pt) WCAG AA ✓ Pass

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

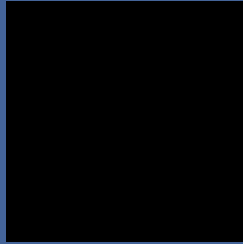
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

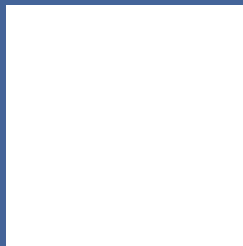
Any Text WCAG AAA × Fail

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

Hex 446499 Background



This preview shows how black text looks on a background with the Hex color 446499.

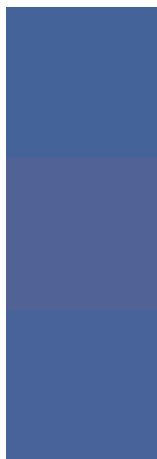


This preview shows how white text looks on a background with the Hex color 446499.

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
446499

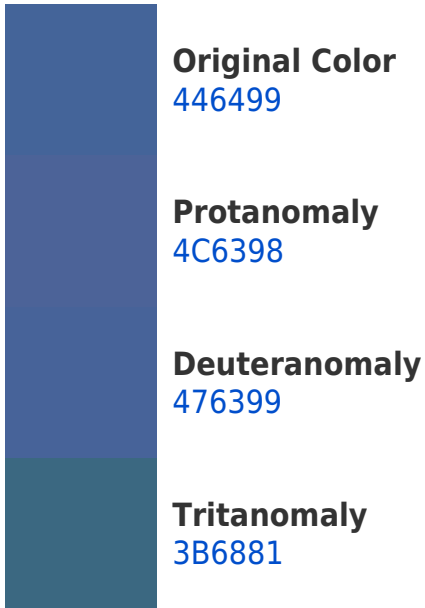
Protanopia
516297

Deuteranopia
486399

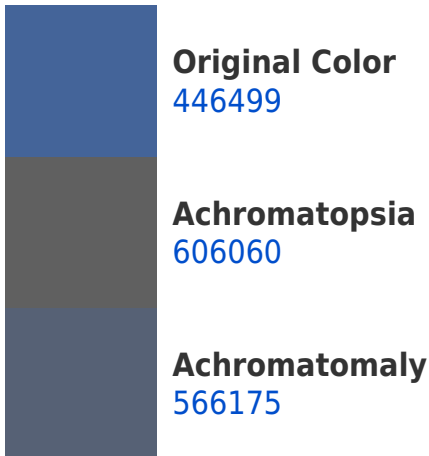


Tritanopia
366B74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 446499 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 #446499 looks like.

```
.text, #text, p{  
    color:#446499  
}
```

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 #446499 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446499
}
```

Border

The CSS property to change the border of an element to Hex 446499 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
#446499 }
```

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

```
.border{ border-color:#446499 }
```

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

Here you see how a box with a 4 pixel #446499 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446499; -webkit-box-shadow:4px 4px  
4px 4px #446499; box-shadow:4px 4px 4px  
4px #446499 }
```

Background

The CSS property to change the background color of an element to Hex 446499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446499 }
```

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

```
.background{ background-color:#446499 }
```

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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