

Converting Colors

Hex(456498)

Have a look what the booklet for
Hex(456498) contains.

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Color

Hex(456498)

Conversions

Conversions Part 1

Format	Color
Hex	456498
RGB	69, 100, 152
RGB Percent	27%, 39%, 60%
CMY	0.7294, 0.6078, 0.4039
CMYK	0.55, 0.34, 0.00, 0.40
HSL	218°, 38%, 43%
HSV	218°, 55%, 60%
XYZ	12.6789, 12.6466, 31.4785
YIQ	96.6590, -35.1680, 9.6000

Conversions

Conversions Part 2

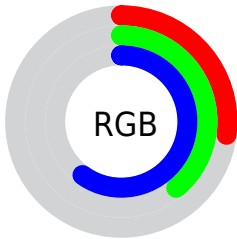
Format	Color
R _Y B	69, 92, 152
Decimal	4547736
CIE Lab	42.23, 4.50, -31.86
CIE LCh	42, 32.173, 278.046
Yxy	12.6466, 0.2232, 0.2226
Android (android.graphics.Color)	4282737816 (0xFF456498)
YUV	96.6590, 27.2831, -24.2569
Hunter-Lab	35.5620, 1.4071, -27.5886

Details

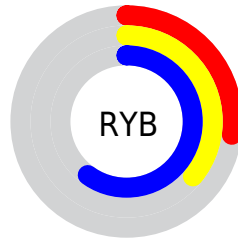
The Hex color **456498** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **987945**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7B97CF**, and **043665** is the 20% darker color. If you saturate the color by 10%, you get **365A98**, and if you desaturate by 10%, it is **546E98**.

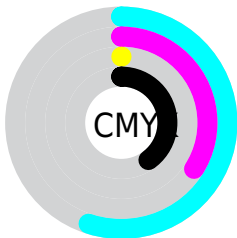
Distribution



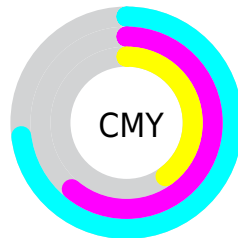
- Red (27%)
- Green (39%)
- Blue (60%)



- Red (27%)
- Yellow (36%)
- Blue (60%)



- Cyan (55%)
- Magenta (34%)
- Yellow (0%)
- Black (40%)



- Cyan (73%)
- Magenta (61%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456498 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 456498 by changing the saturation by 10% instead.

■ 456498

■ 456498

FFFFFF

■ 294C7E

■ 7B97CF

■ 043665

■ 96B1EB

■ 00214C

■ B2CDFF

■ 000935

■ CEE9FF

■ 00021F

■ EBFFFF

■ 000003

■ 000000

■ 456498

■ 456498

■ 365A98

■ 546E98

■ 275198

■ 637798

■ 174798

■ 738198

■ 083E98

■ 828A98

■ 003998

■ 919498

■ A09D98

■ AFA798

■ BFB098

■ CEBA98

Harmonies

Analogous

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



006C94



456498



6F5A8E

Triad

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



456498



935244



2C704F

Complementary

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



456498



987945

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.



506C39



456498



845B32

Square

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



456498



964E5D



6D642E



00716A

Rectangle

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



456498



835480



6D642E



3A6F47

Sweetspot

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



456498



A5B1C4



459878



515863



E3E3E3



636363

Same Dimension

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



456498



4373C4



4F4598



45484D



00348C



00050D

Inverse Universe

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



984564



C44373



8E9845



4D4548



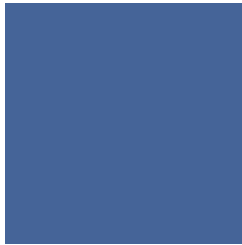
8C0034



0D0005

Previews

White Background



This preview shows how the Hex color 456498 looks on a white background.

Color Contrast Check

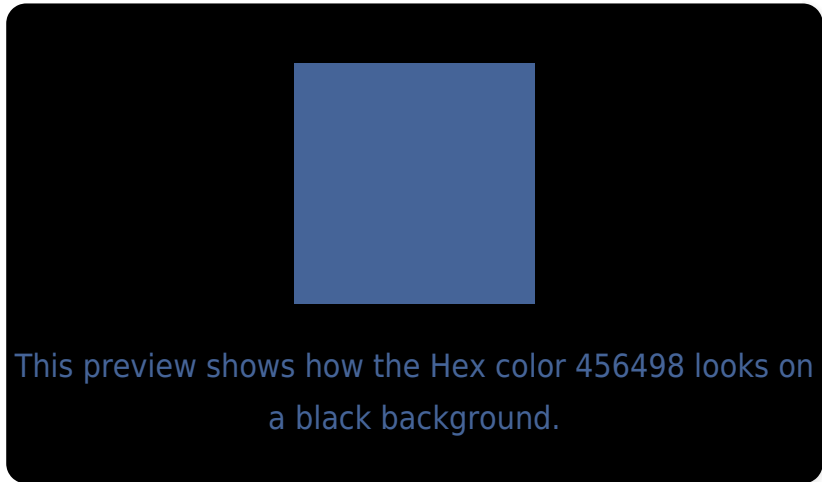
Large Text (above 18pt) WCAG AA ✓ Pass

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 456498 Background



This preview shows how black text looks on a background with the Hex color 456498.

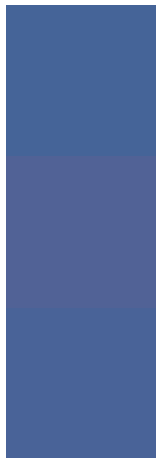


This preview shows how white text looks on a background with the Hex color 456498.

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
456498

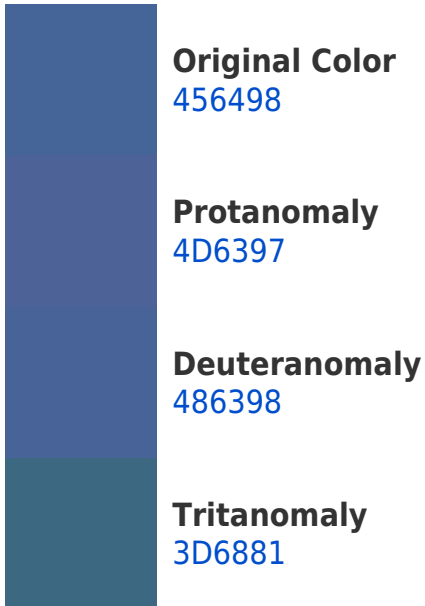
Protanopia
516296

Deuteranopia
496398

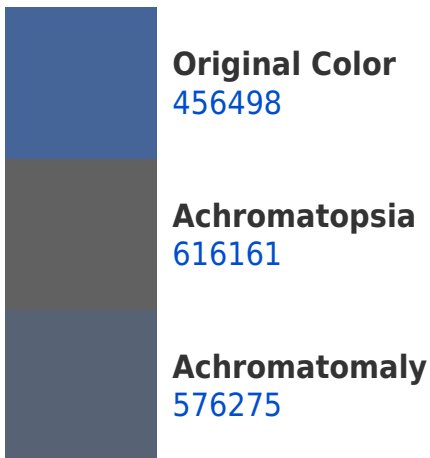


Tritanopia
386B74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 456498 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 #456498 looks like.

```
.text, #text, p{  
    color:#456498  
}
```

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 #456498 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456498
}
```

Border

The CSS property to change the border of an element to Hex 456498 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
#456498 }
```

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

```
.border{ border-color:#456498 }
```

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

Here you see how a box with a 4 pixel #456498 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456498; -webkit-box-shadow:4px 4px  
4px 4px #456498; box-shadow:4px 4px 4px  
4px #456498 }
```

Background

The CSS property to change the background color of an element to Hex 456498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456498 }
```

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

```
.background{ background-color:#456498 }
```

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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