

Converting Colors

Hex(445D98)

Have a look what the booklet for
Hex(445D98) contains.

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Color

Hex(445D98)

Conversions

Conversions Part 1

Format	Color
Hex	445D98
RGB	68, 93, 152
RGB Percent	27%, 36%, 60%
CMY	0.7333, 0.6353, 0.4039
CMYK	0.55, 0.39, 0.00, 0.40
HSL	222°, 38%, 43%
HSV	222°, 55%, 60%
XYZ	11.9657, 11.3246, 31.2610
YIQ	92.2510, -33.8390, 13.0490

Conversions

Conversions Part 2

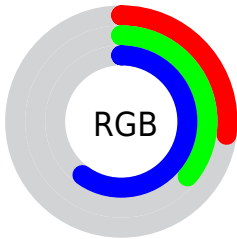
Format	Color
R _{YB}	68, 87, 152
Decimal	4480408
CIE Lab	40.12, 8.69, -35.18
CIE LCh	40, 36.235, 283.874
Yxy	11.3246, 0.2193, 0.2076
Android (android.graphics.Color)	4282670488 (0xFF445D98)
YUV	92.2510, 29.4563, -21.2681
Hunter-Lab	33.6521, 4.5784, -31.5207

Details

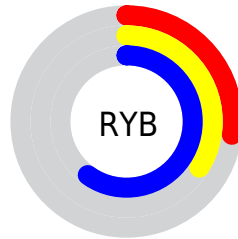
The Hex color **445D98** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **987F44**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7A8FCF**, and **013065** is the 20% darker color. If you saturate the color by 10%, you get **355298**, and if you desaturate by 10%, it is **536898**.

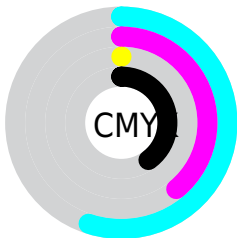
Distribution



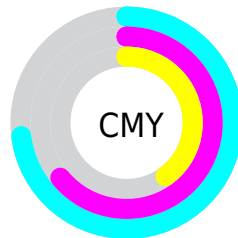
- Red (27%)
- Green (36%)
- Blue (60%)



- Red (27%)
- Yellow (34%)
- Blue (60%)



- Cyan (55%)
- Magenta (39%)
- Yellow (0%)
- Black (40%)



- Cyan (73%)
- Magenta (64%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 445D98 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 445D98 by changing the saturation by 10% instead.

■ 445D98

■ 445D98

FFFFFF

■ 28467E

■ 7A8FCF

■ 013065

■ 95A9EB

■ 001B4C

■ B1C5FF

■ 000035

■ CDE0FF

■ 00021F

■ EAFDFF

■ 000002

■ 000000

■ 445D98

■ 445D98

■ 355298

■ 536898

■ 264898

■ 627298

■ 163D98

■ 727D98

■ 073298

■ 818898

■ 002D98

■ 909298

■ 9F9D98

■ AEA898

■ BEB298

■ CDBD98

Harmonies

Analogous

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



006697



445D98



725189

Triad

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



445D98



8F4C37



026C4D

Complementary

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



445D98



987F44

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.



416832



445D98



7D5724

Square

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



445D98



964552



626122



006D6C

Rectangle

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



445D98



864A79



626122



226B43

Sweetspot

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



445D98



A3ADC4



44987F



505563



E3E3E3



636363

Same Dimension

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



445D98



4369C4



554498



45474D



002A8C



00040D

Inverse Universe

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



98445D



C44369



879844



4D4547



8C002A



0D0004

Previews

White Background



This preview shows how the Hex color 445D98 looks on a white background.

Color Contrast Check

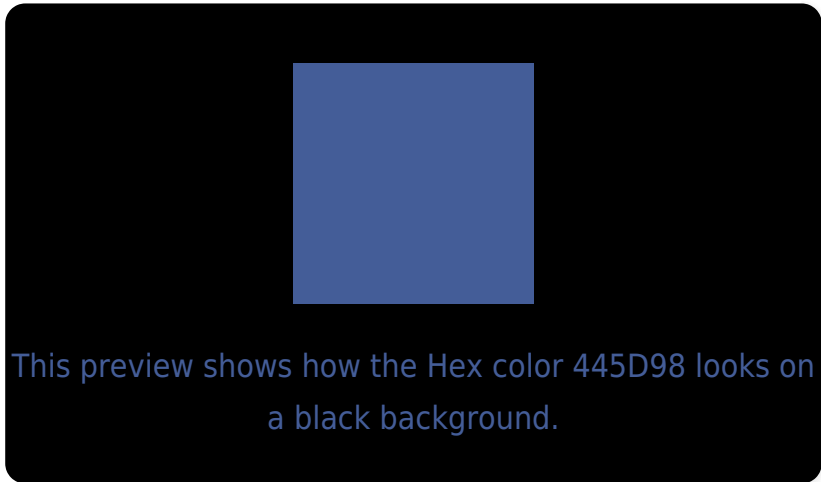
Large Text (above 18pt) WCAG AA ✓ Pass

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

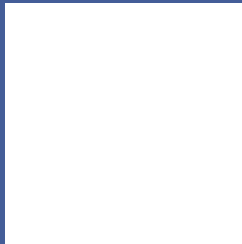
Any Text WCAG AAA × Fail

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

Hex 445D98 Background



This preview shows how black text looks on a background with the Hex color 445D98.



This preview shows how white text looks on a background with the Hex color 445D98.

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
445D98

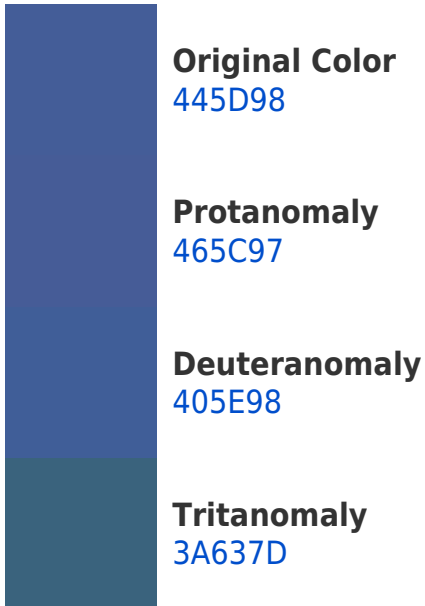
Protanopia
475C97

Deuteranopia
3D5F98

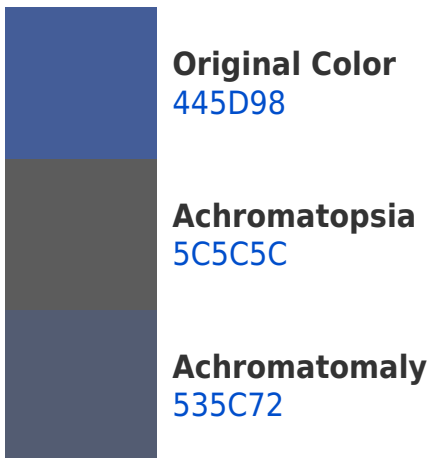


Tritanopia
34666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 445D98 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 #445D98 looks like.

```
.text, #text, p{  
    color:#445D98  
}
```

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 #445D98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #445D98
}
```

Border

The CSS property to change the border of an element to Hex 445D98 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
#445D98 }
```

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

```
.border{ border-color:#445D98 }
```

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

Here you see how a box with a 4 pixel #445D98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #445D98; -webkit-box-shadow:4px 4px  
4px 4px #445D98; box-shadow:4px 4px 4px  
4px #445D98 }
```

Background

The CSS property to change the background color of an element to Hex 445D98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#445D98 }
```

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

```
.background{ background-color:#445D98 }
```

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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