

Converting Colors

Hex(4D6395)

Have a look what the booklet for
Hex(4D6395) contains.

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Color

Hex(4D6395)

Conversions

Conversions Part 1

Format	Color
Hex	4D6395
RGB	77, 99, 149
RGB Percent	30%, 39%, 58%
CMY	0.6980, 0.6118, 0.4157
CMYK	0.48, 0.34, 0.00, 0.42
HSL	222°, 32%, 44%
HSV	222°, 48%, 58%
XYZ	12.9472, 12.6714, 30.1972
YIQ	98.1220, -29.1620, 10.8860

Conversions

Conversions Part 2

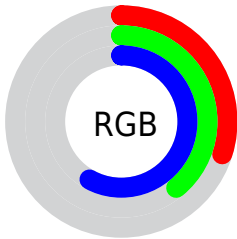
Format	Color
R _Y B	77, 94, 149
Decimal	5071765
CIE Lab	42.26, 6.13, -29.97
CIE LCh	42, 30.592, 281.557
Yxy	12.6714, 0.2320, 0.2270
Android (android.graphics.Color)	4283261845 (0xFF4D6395)
YUV	98.1220, 25.0829, -18.5240
Hunter-Lab	35.5969, 2.6291, -25.3785

Details

The Hex color **4D6395** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **957F4D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8296CB**, and **163562** is the 20% darker color. If you saturate the color by 10%, you get **3E5995**, and if you desaturate by 10%, it is **5C6D95**.

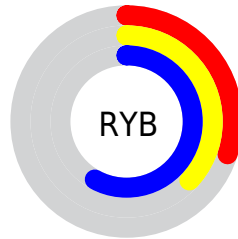
Distribution



Red (30%)

Green (39%)

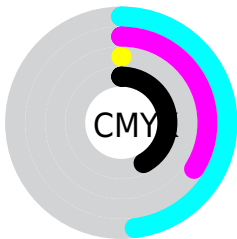
Blue (58%)



Red (30%)

Yellow (37%)

Blue (58%)

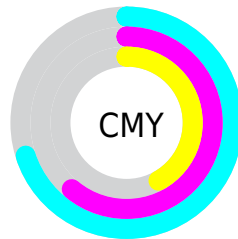


Cyan (48%)

Magenta (34%)

Yellow (0%)

Black (42%)



Cyan (70%)

Magenta (61%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D6395 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 4D6395 by changing the saturation by 10% instead.

■ 4D6395

■ 4D6395

FFFFFF

■ 334B7B

■ 8296CB

■ 163562

■ 9DB0E8

■ 00204A

■ B9CCFF

■ 000733

■ D5E8FF

■ 00021D

■ F2FFFF

■ 000000

■ 4D6395

■ 4D6395

■ 3E5995

■ 5C6D95

■ 2F4E95

■ 6B7895

■ 204495

■ 7A8295

■ 113A95

■ 898C95

■ 022F95

■ 989795

■ 002E95

■ A6A195

■ B5AB95

■ C4B695

■ D3C095

Harmonies

Analogous

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



0F6B93



4D6395



73598A

Triad

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



4D6395



905444



2B7053

Complementary

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



4D6395



957F4D

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.



4E6C3D



4D6395



805D34

Square

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



4D6395



944F5B



6A6531



00716D

Rectangle

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



4D6395



84547C



6A6531



386F4B

Sweetspot

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



4D6395



A7AFC2



4D957E



505561



E0E0E0



616161

Same Dimension

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



4D6395



5174C2



5A4D95



43454A



002A8A



00030A

Inverse Universe

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



954D63



C25174



88954D



4A4345



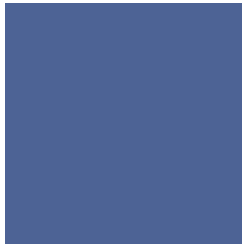
8A002A



0A0003

Previews

White Background



This preview shows how the Hex color 4D6395 looks on a white background.

Color Contrast Check

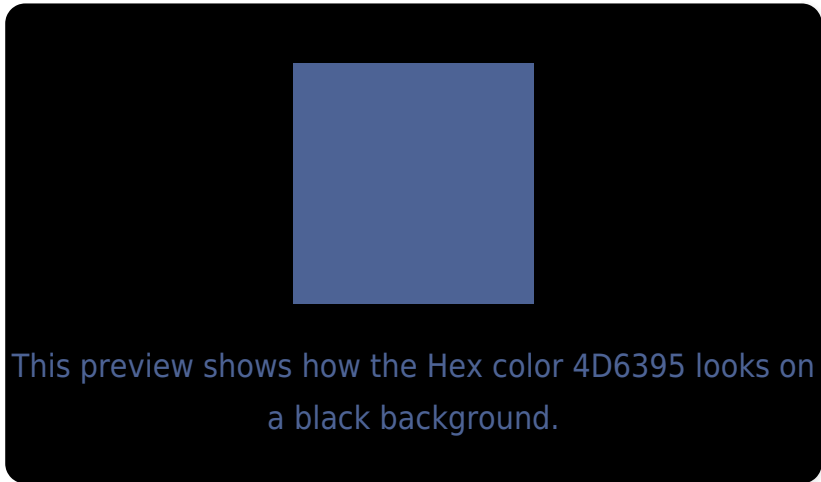
Large Text (above 18pt) WCAG AA ✓ Pass

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

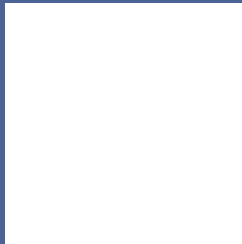
Any Text WCAG AAA × Fail

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

Hex 4D6395 Background



This preview shows how black text looks on a background with the Hex color 4D6395.



This preview shows how white text looks on a background with the Hex color 4D6395.

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
4D6395

Protanopia
526294

Deuteranopia
4D6395



Tritanopia
426A72

Trichromacy



Original Color
4D6395

Protanomaly
506294

Deuteranomaly
4D6395

Tritanomaly
46677F

Monochromacy



Original Color
4D6395

Achromatopsia
626262

Achromatomaly
5A6275

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D6395 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 #4D6395 looks like.

```
.text, #text, p{  
    color:#4D6395  
}
```

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 #4D6395 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6395
}
```

Border

The CSS property to change the border of an element to Hex 4D6395 is called "border". The border property can be set on classes, ids or directly on the HTML element.

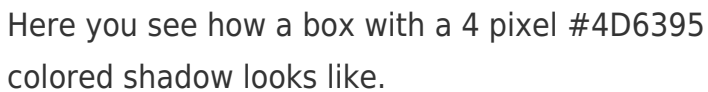
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D6395 }
```

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

```
.border{ border-color:#4D6395 }
```

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



Here you see how a box with a 4 pixel #4D6395 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6395; -webkit-box-shadow:4px 4px  
4px 4px #4D6395; box-shadow:4px 4px 4px  
4px #4D6395 }
```

Background

The CSS property to change the background color of an element to Hex 4D6395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6395 }
```

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

```
.background{ background-color:#4D6395 }
```

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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