

Converting Colors

Hex(426386)

Have a look what the booklet for
Hex(426386) contains.

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Color

Hex(426386)

Conversions

Conversions Part 1

Format	Color
Hex	426386
RGB	66, 99, 134
RGB Percent	26%, 39%, 53%
CMY	0.7412, 0.6118, 0.4745
CMYK	0.51, 0.26, 0.00, 0.47
HSL	211°, 34%, 39%
HSV	211°, 51%, 53%
XYZ	11.0117, 11.8032, 24.2521
YIQ	93.1230, -30.9030, 3.8890

Conversions

Conversions Part 2

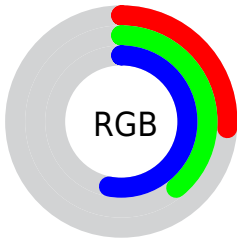
Format	Color
R_{YB}	66, 88, 134
Decimal	4350854
CIE _{Lab}	40.90, -1.52, -23.13
CIE _{LCh}	41, 23.178, 266.248
Yxy	11.8032, 0.2340, 0.2508
Android (android.graphics.Color)	4282540934 (0xFF426386)
YUV	93.1230, 20.1524, -23.7869
Hunter-Lab	34.3557, -2.9098, -17.8045

Details

The Hex color **426386** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **866542**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7696BB**, and **083554** is the 20% darker color. If you saturate the color by 10%, you get **355C86**, and if you desaturate by 10%, it is **4F6A86**.

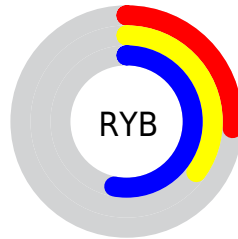
Distribution



Red (26%)

Green (39%)

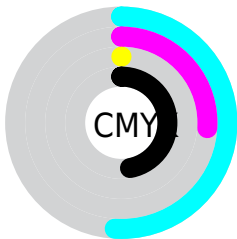
Blue (53%)



Red (26%)

Yellow (35%)

Blue (53%)

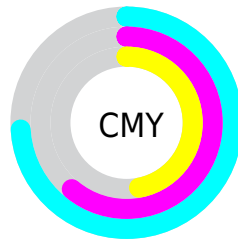


Cyan (51%)

Magenta (26%)

Yellow (0%)

Black (47%)



Cyan (74%)

Magenta (61%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 426386 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 426386 by changing the saturation by 10% instead.

■ 426386

■ 426386

FFFFFF

■ 284B6D

■ 7696BB

■ 083554

■ 91B0D7

■ 00203D

■ ACCCF4

■ 000727

■ C8E8FF

■ 000111

■ E5FFFF

■ 000000

■ 426386

■ 426386

■ 355C86

■ 4F6A86

■ 275586

■ 5D7186

■ 1A4E86

■ 6A7886

■ 0C4786

■ 787F86

■ 004186

■ 858586

■ 928C86

■ A09386

■ AD9A86

■ BBA186

Harmonies

Analogous

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



24687F



426386



5F5C82

Triad

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



426386



865351



46694B

Complementary

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



426386



866542

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.



5C643E



426386



7E5842

Square

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



426386



835264



6F5E3A



2E6B5D

Rectangle

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



426386



70587B



6F5E3A



4D6746

Sweetspot

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



426386



93A0AD



428664



474F57



D6D6D6



575757

Same Dimension

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



426386



4477AD



424286



3C3F42



003F82



000103

Inverse Universe

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



864263



AD4477



868642



423C3F



82003F



030001

Previews

White Background



This preview shows how the Hex color 426386 looks on a white background.

Color Contrast Check

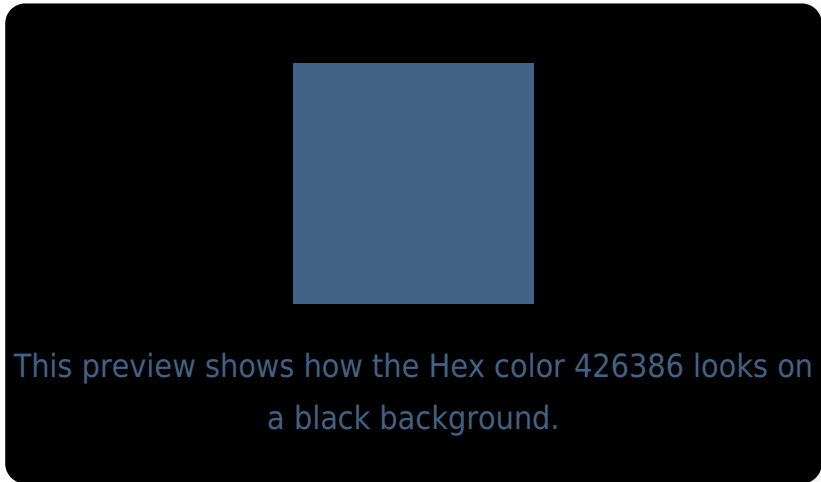
Large Text (above 18pt) WCAG AA ✓ Pass

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

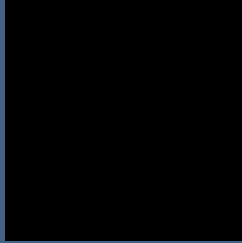
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

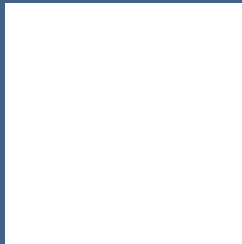
Any Text WCAG AAA × Fail

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

Hex 426386 Background



This preview shows how black text looks on a background with the Hex color 426386.



This preview shows how white text looks on a background with the Hex color 426386.

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





Tritanopia
3B6770

Trichromacy



Original Color
426386

Protanomaly
4F6084

Deuteranomaly
4D6087

Tritanomaly
3E6678

Monochromacy



Original Color
426386

Achromatopsia
5D5D5D

Achromatomaly
535F6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 426386 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 #426386 looks like.

```
.text, #text, p{  
    color:#426386  
}
```

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 #426386 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #426386
}
```

Border

The CSS property to change the border of an element to Hex 426386 is called "border". The border property can be set on classes, ids or directly on the HTML element.

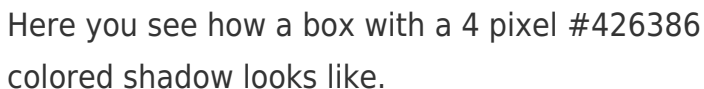
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#426386 }
```

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

```
.border{ border-color:#426386 }
```

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



Here you see how a box with a 4 pixel #426386 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #426386; -webkit-box-shadow:4px 4px  
4px 4px #426386; box-shadow:4px 4px 4px  
4px #426386 }
```

Background

The CSS property to change the background color of an element to Hex 426386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#426386 }
```

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

```
.background{ background-color:#426386 }
```

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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