

Converting Colors

Hex(426678)

Have a look what the booklet for
Hex(426678) contains.

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Color

Hex(426678)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 426678 |
| RGB | 66, 102, 120 |
| RGB Percent | 26%, 40%, 47% |
| CMY | 0.7412, 0.6000, 0.5294 |
| CMYK | 0.45, 0.15, 0.00, 0.53 |
| HSL | 200°, 29%, 36% |
| HSV | 200°, 45%, 47% |
| XYZ | 10.3883, 12.0171, 19.5413 |
| YIQ | 93.2880, -27.2340, -2.0340 |

Conversions

Conversions Part 2

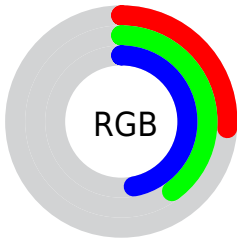
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 66, 88, 120 |
| Decimal | 4351608 |
| CIE _{Lab} | 41.24, -7.68, -14.12 |
| CIE _{LCh} | 41, 16.071, 241.459 |
| Yxy | 12.0171, 0.2477, 0.2865 |
| Android (android.graphics.Color) | 4282541688 (0xFF426678) |
| YUV | 93.2880, 13.1690, -23.9316 |
| Hunter-Lab | 34.6656, -7.1735, -9.1563 |

Details

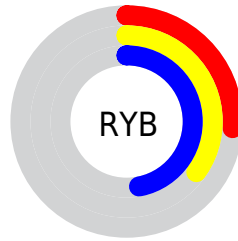
The Hex color **426678** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **785442**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7599AC**, and **0E3748** is the 20% darker color. If you saturate the color by 10%, you get **366278**, and if you desaturate by 10%, it is **4E6A78**.

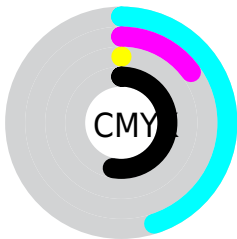
Distribution



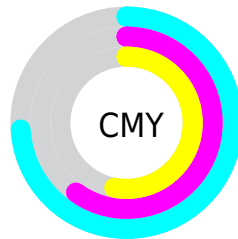
- Red (26%)
- Green (40%)
- Blue (47%)



- Red (26%)
- Yellow (35%)
- Blue (47%)



- Cyan (45%)
- Magenta (15%)
- Yellow (0%)
- Black (53%)



- Cyan (74%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 426678 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 426678 by changing the saturation by 10% instead.

■ 426678

■ 426678

FFFFFF

■ 294E5F

■ 7599AC

■ 0E3748

■ 8FB4C8

■ 002231

■ AACFE4

■ 000A1C

■ C6EBFF

■ 000000

■ E2FFFF

■ 426678

■ 426678

■ 366278

■ 4E6A78

■ 2A5E78

■ 5A6E78

■ 1E5A78

■ 667278

■ 125678

■ 727678

■ 065278

■ 7E7A78

■ 005078

■ 8A7E78

■ 968278

■ A28678

■ AE8A78

Harmonies

Analogous

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



3B686F



426678



52627B

Triad

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



426678



7B5861



5C654B

Complementary

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



426678



785442

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.



6A6147



426678



7C5954

Square

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



426678



735A6E



765C4B



4D6754

Rectangle

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



426678



5E5F7A



765C4B



616349

Sweetspot

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



426678



86949C



427854



424B4F



CFCFCF



4F4F4F

Same Dimension

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



426678



48809C



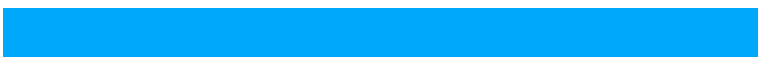
424C78



373B3D



00537D



00A8FC

Inverse Universe

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



784266



9C4880



786F42



3D373B



7D0053



FC00A8

Previews

White Background



This preview shows how the Hex color 426678 looks on a white background.

Color Contrast Check

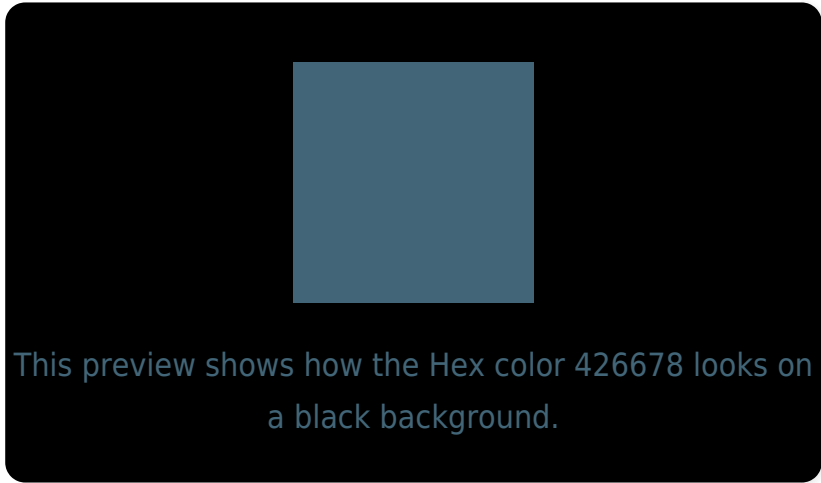
Large Text (above 18pt) WCAG AA ✓ Pass

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

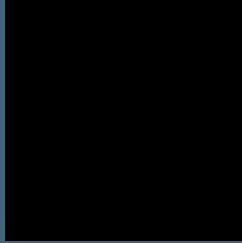
Any Text WCAG AA × Fail

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 426678 Background



This preview shows how black text looks on a background with the Hex color 426678.

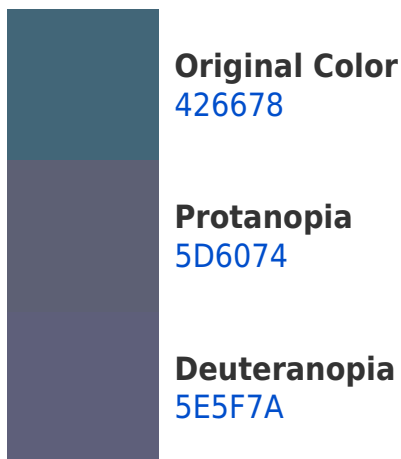


This preview shows how white text looks on a background with the Hex color 426678.

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
406770

Trichromacy



Original Color
426678

Protanomaly
536275

Deuteranomaly
546279

Tritanomaly
416773

Monochromacy



Original Color
426678

Achromatopsia
5D5D5D

Achromatomaly
536067

CSS Examples

Text

The CSS property to change the color of the text to Hex 426678 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 #426678 looks like.

```
.text, #text, p{  
    color:#426678  
}
```

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 #426678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #426678  
}
```

Border

The CSS property to change the border of an element to Hex 426678 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  
#426678 }
```

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

```
.border{ border-color:#426678 }
```

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

Here you see how a box with a 4 pixel #426678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #426678; -webkit-box-shadow:4px 4px  
4px 4px #426678; box-shadow:4px 4px 4px  
4px #426678 }
```

Background

The CSS property to change the background color of an element to Hex 426678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#426678 }
```

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

```
.background{ background-color:#426678 }
```

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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