

Converting Colors

Hex(45676B)

Have a look what the booklet for
Hex(45676B) contains.

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Color

Hex(45676B)

Conversions

Conversions Part 1

Format	Color
Hex	45676B
RGB	69, 103, 107
RGB Percent	27%, 40%, 42%
CMY	0.7294, 0.5961, 0.5804
CMYK	0.36, 0.04, 0.00, 0.58
HSL	186°, 22%, 35%
HSV	186°, 36%, 42%
XYZ	9.9583, 12.0272, 15.7065
YIQ	93.2900, -21.5480, -5.9640

Conversions

Conversions Part 2

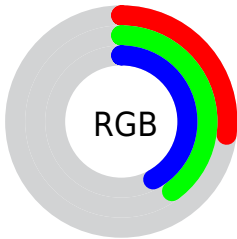
Format	Color
R_{YB}	69, 87, 107
Decimal	4548459
CIE _{Lab}	41.26, -11.09, -6.17
CIE _{LCh}	41, 12.693, 209.073
Yxy	12.0272, 0.2642, 0.3191
Android (android.graphics.Color)	4282738539 (0xFF45676B)
YUV	93.2900, 6.7590, -21.3023
Hunter-Lab	34.6803, -9.4349, -2.5759

Details

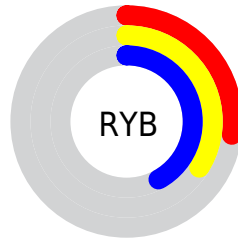
The Hex color **45676B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B4945**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **779A9E**, and **15383C** is the 20% darker color. If you saturate the color by 10%, you get **3A666B**, and if you desaturate by 10%, it is **50686B**.

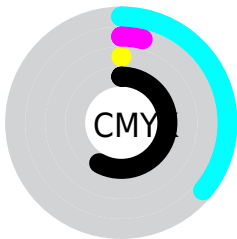
Distribution



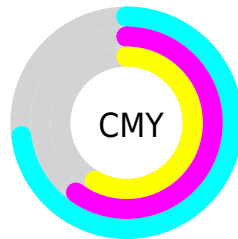
- Red (27%)
- Green (40%)
- Blue (42%)



- Red (27%)
- Yellow (34%)
- Blue (42%)



- Cyan (36%)
- Magenta (4%)
- Yellow (0%)
- Black (58%)



- Cyan (73%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45676B 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 45676B by changing the saturation by 10% instead.

■ 45676B

■ 45676B

FFFFFF

■ 2D4F53

■ 779A9E

■ 15383C

■ 91B5B9

■ 002226

■ ACD1D5

■ 000912

■ C8EDF1

■ 000000

■ E4FFFF

■ 45676B

■ 45676B

■ 3A666B

■ 50686B

■ 30656B

■ 5A696B

■ 25646B

■ 656A6B

■ 1A626B

■ 706C6B

■ 0F616B

■ 7B6D6B

■ 05606B

■ 856E6B

■ 00606B

■ 906F6B

■ 9B706B

■ A5716B

Harmonies

Analogous

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



496761



45676B



4A6573

Triad

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



45676B



6F5C6C



6A604D

Complementary

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



45676B



6B4945

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.



725D50



45676B



765A62

Square

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



45676B



635F73



775B58



5E644F

Rectangle

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



45676B



516375



775B58



6D5F4D

Sweetspot

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



45676B



7D8B8C



456B49



3E4647



C7C7C7



474747

Same Dimension

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



45676B



50868C



45546B



303536



006975



00DBF5

Inverse Universe

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



6B4567



8C5086



6B5C45



363035



750069



F500DB

Previews

White Background



This preview shows how the Hex color 45676B looks on a white background.

Color Contrast Check

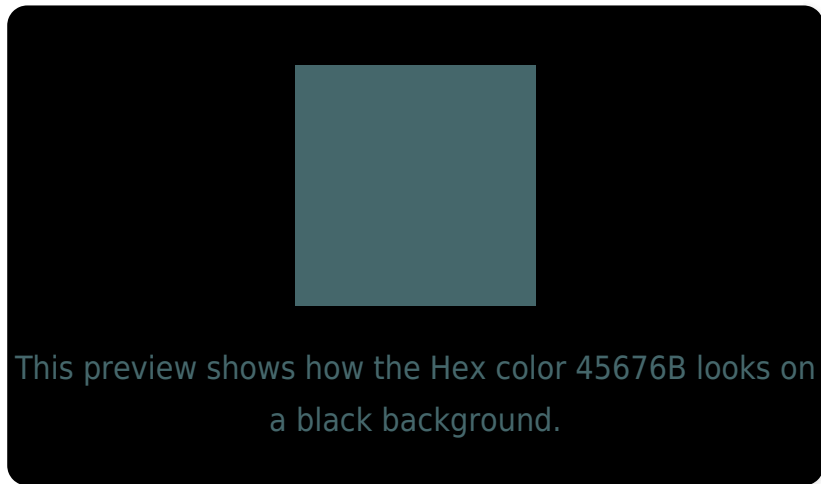
Large Text (above 18pt) WCAG AA ✓ Pass

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

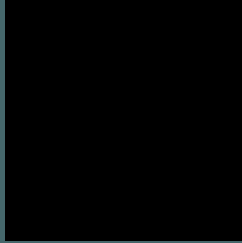
Any Text WCAG AA × Fail

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 45676B Background



This preview shows how black text looks on a background with the Hex color 45676B.

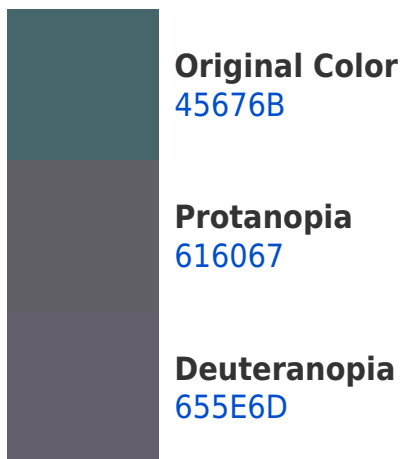



This preview shows how white text looks on a background with the Hex color 45676B.

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](#).

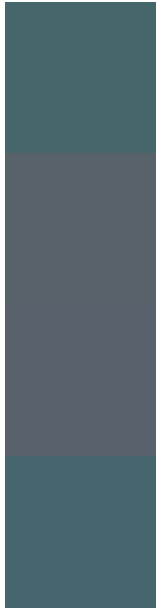
Dichromacy





Tritanopia
46666F

Trichromacy



Original Color
45676B

Protanomaly
576368

Deuteranomaly
59616C

Tritanomaly
46666E

Monochromacy



Original Color
45676B

Achromatopsia
5D5D5D

Achromatomaly
546162

CSS Examples

Text

The CSS property to change the color of the text to Hex 45676B 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 #45676B looks like.

```
.text, #text, p{  
    color:#45676B  
}
```

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 #45676B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45676B
}
```

Border

The CSS property to change the border of an element to Hex 45676B 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
#45676B }
```

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

```
.border{ border-color:#45676B }
```

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

Here you see how a box with a 4 pixel #45676B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45676B; -webkit-box-shadow:4px 4px  
4px 4px #45676B; box-shadow:4px 4px 4px  
4px #45676B }
```

Background

The CSS property to change the background color of an element to Hex 45676B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45676B }
```

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

```
.background{ background-color:#45676B }
```

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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