

Converting Colors

Hex(05728E)

Have a look what the booklet for
Hex(05728E) contains.

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Color

Hex(05728E)

Conversions

Conversions Part 1

Format	Color
Hex	05728E
RGB	5, 114, 142
RGB Percent	2%, 45%, 56%
CMY	0.9804, 0.5529, 0.4431
CMYK	0.96, 0.20, 0.00, 0.44
HSL	192°, 93%, 29%
HSV	192°, 96%, 56%
XYZ	10.9624, 14.0199, 27.7195
YIQ	84.6010, -73.9520, -14.4000

Conversions

Conversions Part 2

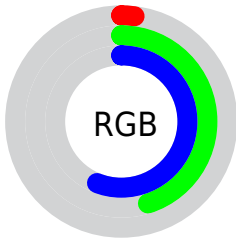
Format	Color
RYB	5, 66, 142
Decimal	357006
CIELab	44.26, -16.36, -22.86
CIELCh	44, 28.111, 234.402
Yxy	14.0199, 0.2080, 0.2660
Android (android.graphics.Color)	4278547086 (0xFF05728E)
YUV	84.6010, 28.2977, -69.8101
Hunter-Lab	37.4431, -13.2653, -17.6828

Details

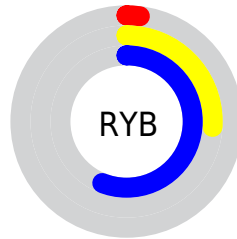
The Hex color **05728E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8E2105**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **54A6C4**, and **00425C** is the 20% darker color. If you saturate the color by 10%, you get **00718E**, and if you desaturate by 10%, it is **13758E**.

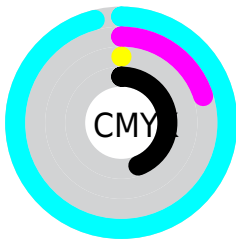
Distribution



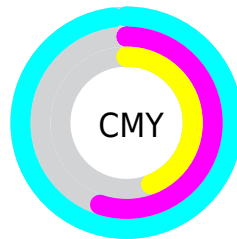
- Red (2%)
- Green (45%)
- Blue (56%)



- Red (2%)
- Yellow (26%)
- Blue (56%)



- Cyan (96%)
- Magenta (20%)
- Yellow (0%)
- Black (44%)



- Cyan (98%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05728E 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 05728E by changing the saturation by 10% instead.

 05728E

 05728E

FFFFFF

 005974

 54A6C4

 00425C

 71C1E0

 002C44

 8EDDFC

 00192E

 ABFAFF

 000119

 C8FFFF

 000000

 E5FFFF

 05728E

 05728E

 00718E

 13758E

■ 21788E

■ 307B8E

■ 3E7E8E

■ 4C818E

■ 5A838E

■ 68868E

■ 77898E

■ 858C8E

Harmonies

Analogous

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



00757B



05728E



3D6C97

Triad

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



05728E



92576E



646D3D

Complementary

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



05728E



8E2105

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.



7C663A



05728E



965757

Square

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



05728E



825C84



8D5E43



49724D

Rectangle

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



05728E



596796



8D5E43



6D6B3B

Sweetspot

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



05728E



82ADB8



058E20



3C555C



DBDBDB



5C5C5C

Same Dimension

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



05728E



0092B8



052E8E



404647



006C87



000608

Inverse Universe

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



8E0572



B80092



8E6505



474046



87006C



080006

Previews

White Background



This preview shows how the Hex color 05728E 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

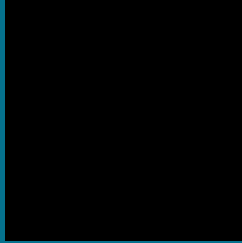
Any Text WCAG AA × Fail

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 05728E Background



This preview shows how black text looks on a background with the Hex color 05728E.

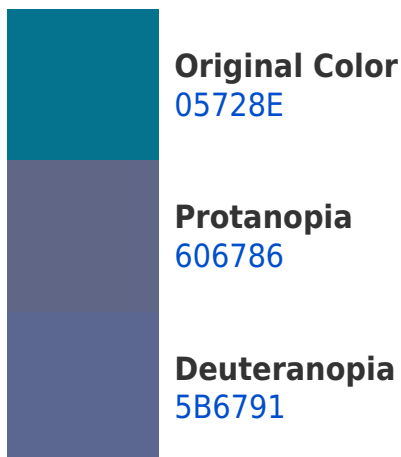


This preview shows how white text looks on a background with the Hex color 05728E.

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
00747D

Trichromacy



Original Color
05728E

Protanomaly
3F6B89

Deuteranomaly
3C6B90

Tritanomaly
027383

Monochromacy



Original Color
05728E

Achromatopsia
555555

Achromatomaly
38606A

CSS Examples

Text

The CSS property to change the color of the text to Hex 05728E 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 #05728E looks like.

```
.text, #text, p{  
    color:#05728E  
}
```

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 #05728E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05728E
}
```

Border

The CSS property to change the border of an element to Hex 05728E 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
#05728E }
```

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

```
.border{ border-color:#05728E }
```

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

Here you see how a box with a 4 pixel #05728E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05728E; -webkit-box-shadow:4px 4px  
4px 4px #05728E; box-shadow:4px 4px 4px  
4px #05728E }
```

Background

The CSS property to change the background color of an element to Hex 05728E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05728E }
```

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

```
.background{ background-color:#05728E }
```

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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