

Converting Colors

Hex(56628B)

Have a look what the booklet for
Hex(56628B) contains.

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Color

Hex(56628B)

Conversions

Conversions Part 1

Format	Color
Hex	56628B
RGB	86, 98, 139
RGB Percent	34%, 38%, 55%
CMY	0.6627, 0.6157, 0.4549
CMYK	0.38, 0.29, 0.00, 0.45
HSL	226°, 24%, 44%
HSV	226°, 38%, 55%
XYZ	12.8656, 12.5779, 26.1758
YIQ	99.0860, -20.3130, 10.2070

Conversions

Conversions Part 2

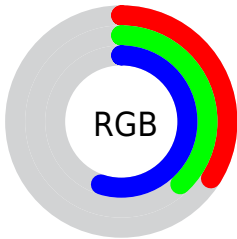
Format	Color
R_{YB}	86, 96, 139
Decimal	5661323
CIE Lab	42.12, 6.21, -24.15
CIE LCh	42, 24.936, 284.412
Yxy	12.5779, 0.2492, 0.2437
Android (android.graphics.Color)	4283851403 (0xFF56628B)
YUV	99.0860, 19.6776, -11.4764
Hunter-Lab	35.4653, 2.6896, -18.9343

Details

The Hex color **56628B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8B7F56**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8A95C1**, and **253459** is the 20% darker color. If you saturate the color by 10%, you get **48578B**, and if you desaturate by 10%, it is **646D8B**.

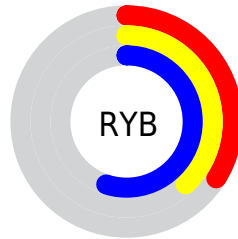
Distribution



Red (34%)

Green (38%)

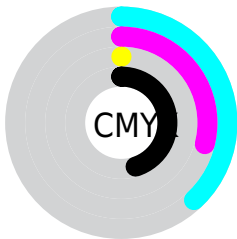
Blue (55%)



Red (34%)

Yellow (38%)

Blue (55%)

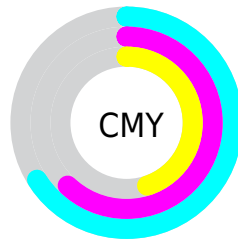


Cyan (38%)

Magenta (29%)

Yellow (0%)

Black (45%)



Cyan (66%)

Magenta (62%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56628B 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 56628B by changing the saturation by 10% instead.

■ 56628B

■ 56628B

FFFFFF

■ 3D4A71

■ 8A95C1

■ 253459

■ A4AFDD

■ 0A1F41

■ C0CAF9

■ 00062B

■ DCE7FF

■ 000116

■ F9FFFF

■ 000000

■ 56628B

■ 56628B

■ 48578B

■ 646D8B

■ 3A4C8B

■ 72788B

■ 2C428B

■ 80828B

■ 1E378B

■ 8E8D8B

■ 112C8B

■ 9C988B

■ 03218B

■ A9A38B

■ 001F8B

■ B7AD8B

■ C5B88B

■ D3C38B

Harmonies

Analogous

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



33698B



56628B



725B81

Triad

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



56628B



885848



366E58

Complementary

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



56628B



8B7F56

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.



506B45



56628B



7A5E3C

Square

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



56628B



8C545A



67653B



1B6E6D

Rectangle

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



56628B



805676



67653B



3F6D51

Sweetspot

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



56628B



A1A6B5



568B7F



50535C



DBDBDB



5C5C5C

Same Dimension

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



56628B



6275B5



64568B



3E4045



001E85



000105

Inverse Universe

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



8B5662



B56275



7D8B56



453E40



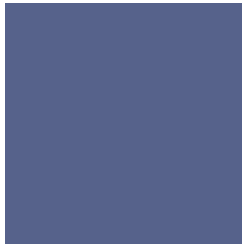
85001E



050001

Previews

White Background



This preview shows how the Hex color 56628B looks on a white background.

Color Contrast Check

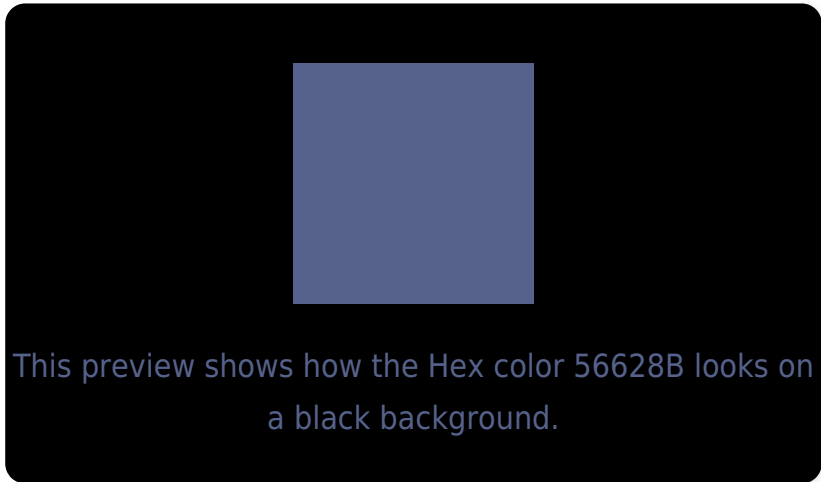
Large Text (above 18pt) WCAG AA ✓ Pass

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

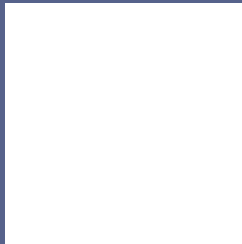
Any Text WCAG AAA × Fail

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

Hex 56628B Background



This preview shows how black text looks on a background with the Hex color 56628B.



This preview shows how white text looks on a background with the Hex color 56628B.

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
56628B

Protanopia
57628B

Deuteranopia
55628B



Tritanopia
4F6770

Trichromacy



Original Color
56628B

Protanomaly
57628B

Deuteranomaly
55628B

Tritanomaly
52657A

Monochromacy



Original Color
56628B

Achromatopsia
636363

Achromatomaly
5E6372

CSS Examples

Text

The CSS property to change the color of the text to Hex 56628B 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 #56628B looks like.

```
.text, #text, p{  
    color:#56628B  
}
```

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 #56628B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56628B
}
```

Border

The CSS property to change the border of an element to Hex 56628B is called "border". The border property can be set on classes, ids or directly on the HTML element.

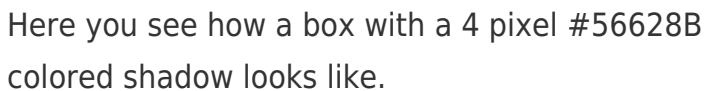
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56628B }
```

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

```
.border{ border-color:#56628B }
```

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



Here you see how a box with a 4 pixel #56628B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56628B; -webkit-box-shadow:4px 4px  
4px 4px #56628B; box-shadow:4px 4px 4px  
4px #56628B }
```

Background

The CSS property to change the background color of an element to Hex 56628B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56628B }
```

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

```
.background{ background-color:#56628B }
```

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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