

Converting Colors

Hex(61588B)

Have a look what the booklet for
Hex(61588B) contains.

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Color

Hex(61588B)

Conversions

Conversions Part 1

Format	Color
Hex	61588B
RGB	97, 88, 139
RGB Percent	38%, 35%, 55%
CMY	0.6196, 0.6549, 0.4549
CMYK	0.30, 0.37, 0.00, 0.45
HSL	251°, 22%, 45%
HSV	251°, 37%, 55%
XYZ	13.0797, 11.3849, 25.9342
YIQ	96.5050, -11.0070, 17.7690

Conversions

Conversions Part 2

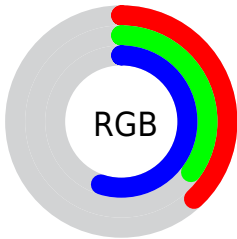
Format	Color
R_{YB}	97, 88, 139
Decimal	6379659
CIE _{Lab}	40.22, 15.81, -27.04
CIE _{LCh}	40, 31.323, 300.308
Yxy	11.3849, 0.2595, 0.2259
Android (android.graphics.Color)	4284569739 (0xFF61588B)
YUV	96.5050, 20.9500, 0.4341
Hunter-Lab	33.7415, 10.1467, -21.9521

Details

The Hex color **61588B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **828B58**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **958AC1**, and **302B59** is the 20% darker color. If you saturate the color by 10%, you get **564A8B**, and if you desaturate by 10%, it is **6C668B**.

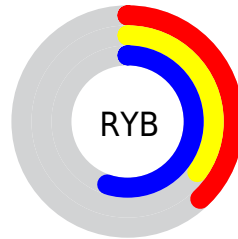
Distribution



Red (38%)

Green (35%)

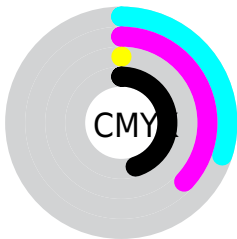
Blue (55%)



Red (38%)

Yellow (35%)

Blue (55%)

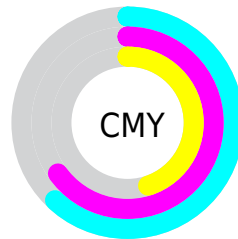


Cyan (30%)

Magenta (37%)

Yellow (0%)

Black (45%)



Cyan (62%)

Magenta (65%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61588B 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 61588B by changing the saturation by 10% instead.

61588B

61588B

FFFFFF

484171

958AC1

302B59

B0A4DD

181641

CCBFF9

05002B

E8DBFF

000115

FFF8FF

000000

61588B

61588B

564A8B

6C668B

4A3C8B

78748B

■ 3F2E8B

■ 83828B

■ 33208B

■ 8F908B

■ 28138B

■ 9A9E8B

■ 1C058B

■ A6AB8B

■ 19008B

■ B1B98B

■ BDC78B

■ C8D58B

Harmonies

Analogous

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



336192



61588B



7F4F79

Triad

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



61588B



825433



006C5E

Complementary

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



61588B



828B58

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.



336A44



61588B



6E5D2A

Square

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



61588B



8E4C46



546531



006B78

Rectangle

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



61588B



8A4A68



546531



116B55

Sweetspot

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



61588B



A5A1B5



58838B



52505C



DBDBDB



5C5C5C

Same Dimension

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



61588B



7365B5



7A588B



3F3E45



170085



010005

Inverse Universe

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



8B5882



B565A7



698B58



453E44



85006D



050004

Previews

White Background



This preview shows how the Hex color 61588B looks on a white background.

Color Contrast Check

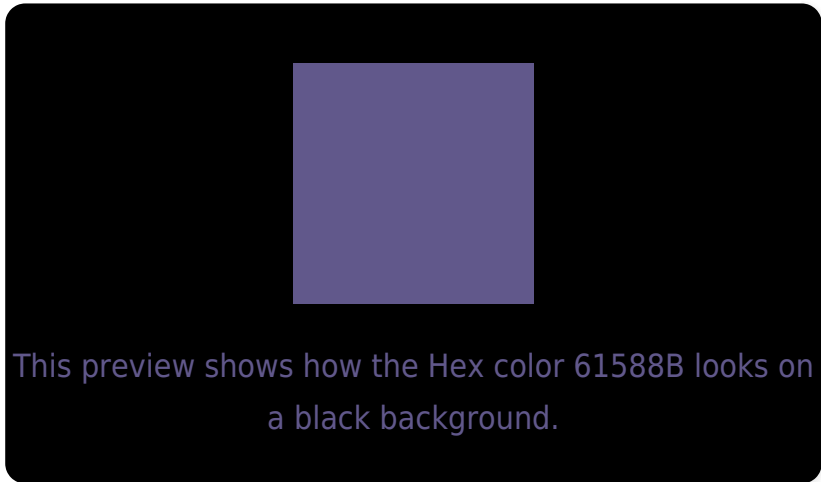
Large Text (above 18pt) WCAG AA ✓ Pass

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

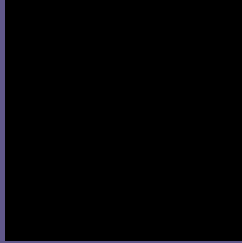
Any Text WCAG AA × Fail

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 61588B Background



This preview shows how black text looks on a background with the Hex color 61588B.

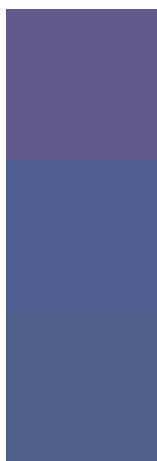


This preview shows how white text looks on a background with the Hex color 61588B.

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
61588B

Protanopia
4D5D8F

Deuteranopia
4D5E8A



Tritanopia
5A5F67

Trichromacy



Original Color
61588B

Protanomaly
545B8E

Deuteranomaly
545C8A

Tritanomaly
5D5C74

Monochromacy



Original Color
61588B

Achromatopsia
616161

Achromatomaly
615E70

CSS Examples

Text

The CSS property to change the color of the text to Hex 61588B 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 #61588B looks like.

```
.text, #text, p{  
    color:#61588B  
}
```

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 #61588B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61588B
}
```

Border

The CSS property to change the border of an element to Hex 61588B is called "border". The border property can be set on classes, ids or directly on the HTML element.

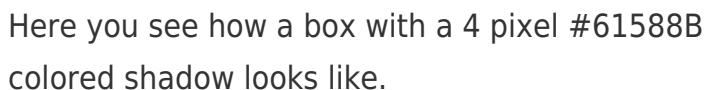
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61588B }
```

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

```
.border{ border-color:#61588B }
```

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



Here you see how a box with a 4 pixel #61588B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61588B; -webkit-box-shadow:4px 4px  
4px 4px #61588B; box-shadow:4px 4px 4px  
4px #61588B }
```

Background

The CSS property to change the background color of an element to Hex 61588B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61588B }
```

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

```
.background{ background-color:#61588B }
```

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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