

Converting Colors

Hex(61558E)

Have a look what the booklet for
Hex(61558E) contains.

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Color

Hex(61558E)

Conversions

Conversions Part 1

Format	Color
Hex	61558E
RGB	97, 85, 142
RGB Percent	38%, 33%, 56%
CMY	0.6196, 0.6667, 0.4431
CMYK	0.32, 0.40, 0.00, 0.44
HSL	253°, 25%, 45%
HSV	253°, 40%, 56%
XYZ	13.0607, 10.9914, 27.0244
YIQ	95.0860, -11.1450, 20.2710

Conversions

Conversions Part 2

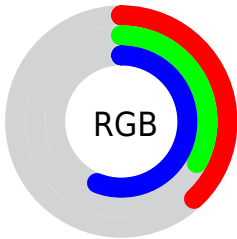
Format	Color
R_{YB}	97, 85, 142
Decimal	6378894
CIE _{Lab}	39.57, 18.51, -29.89
CIE _{LCh}	40, 35.152, 301.770
Yxy	10.9914, 0.2557, 0.2152
Android (android.graphics.Color)	4284568974 (0xFF61558E)
YUV	95.0860, 23.1286, 1.6786
Hunter-Lab	33.1533, 12.3020, -25.1220

Details

The Hex color **61558E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **828E55**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **9587C4**, and **30285B** is the 20% darker color. If you saturate the color by 10%, you get **56478E**, and if you desaturate by 10%, it is **6C638E**.

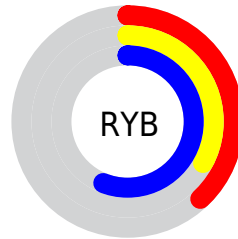
Distribution



Red (38%)

Green (33%)

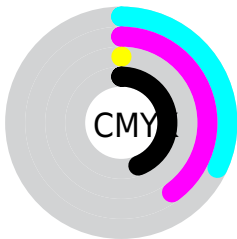
Blue (56%)



Red (38%)

Yellow (33%)

Blue (56%)

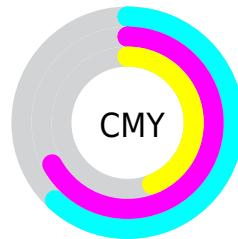


Cyan (32%)

Magenta (40%)

Yellow (0%)

Black (44%)



Cyan (62%)

Magenta (67%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61558E 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 61558E by changing the saturation by 10% instead.

61558E

61558E

FFFFFF

483E74

9587C4

30285B

B0A1E0

171343

CCBCFD

03002D

E9D8FF

000117

FFF4FF

000000

61558E

61558E

56478E

6C638E

4B398E

77718E

■ 3F2A8E

■ 83808E

■ 341C8E

■ 8E8E8E

■ 290E8E

■ 999C8E

■ 1E008E

■ A4AA8E

■ AFB88E

■ BBC78E

■ C6D58E

Harmonies

Analogous

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



296096



61558E



824A79

Triad

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



61558E



83522B



006B5E

Complementary

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



61558E



828E55

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.



286941



61558E



6C5C21

Square

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



61558E



914841



4F642A



006B7B

Rectangle

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



61558E



8E4566



4F642A



006B54

Sweetspot

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



61558E



A6A2B8



55838E



524F5C



DBDBDB



5C5C5C

Same Dimension

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



61558E



725FB8



7D558E



424047



1C0087



020008

Inverse Universe

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



8E5582



B85FA5



668E55



474046



87006B



080006

Previews

White Background



This preview shows how the Hex color 61558E looks on a white background.

Color Contrast Check

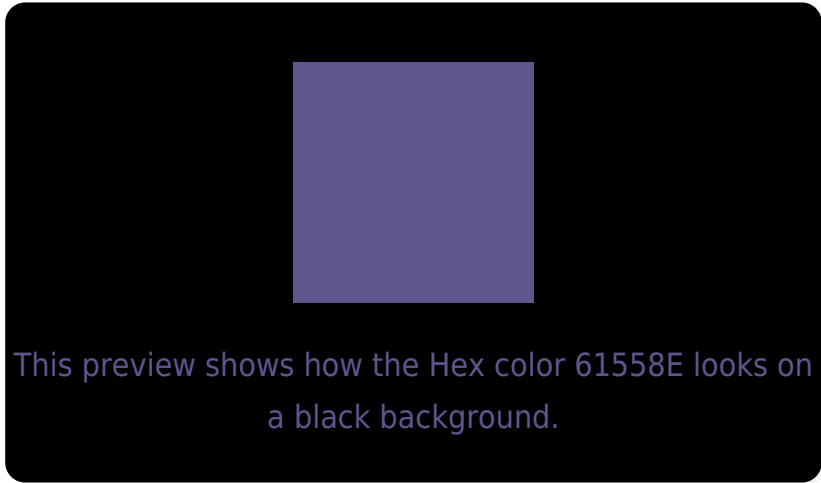
Large Text (above 18pt) WCAG AA ✓ Pass

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

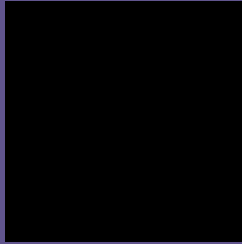
Any Text WCAG AA × Fail

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 61558E Background



This preview shows how black text looks on a background with the Hex color 61558E.

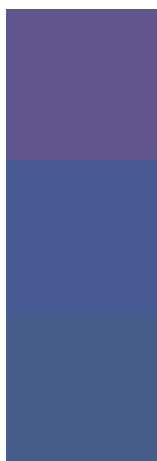


This preview shows how white text looks on a background with the Hex color 61558E.

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
61558E

Protanopia
485B94

Deuteranopia
475D8C



Tritanopia
595E65

Trichromacy



Original Color
61558E

Protanomaly
515992

Deuteranomaly
505A8D

Tritanomaly
5C5B74

Monochromacy



Original Color
61558E

Achromatopsia
5F5F5F

Achromatomaly
605B70

CSS Examples

Text

The CSS property to change the color of the text to Hex 61558E 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 #61558E looks like.

```
.text, #text, p{  
    color:#61558E  
}
```

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 #61558E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61558E
}
```

Border

The CSS property to change the border of an element to Hex 61558E is called "border". The border property can be set on classes, ids or directly on the HTML element.

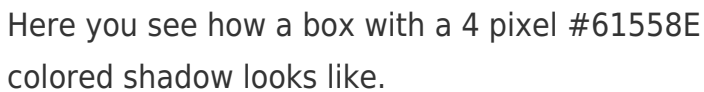
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61558E }
```

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

```
.border{ border-color:#61558E }
```

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



Here you see how a box with a 4 pixel #61558E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61558E; -webkit-box-shadow:4px 4px  
4px 4px #61558E; box-shadow:4px 4px 4px  
4px #61558E }
```

Background

The CSS property to change the background color of an element to Hex 61558E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61558E }
```

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

```
.background{ background-color:#61558E }
```

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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