

Converting Colors

Hex(62508E)

Have a look what the booklet for
Hex(62508E) contains.

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Color

Hex(62508E)

Conversions

Conversions Part 1

Format	Color
Hex	62508E
RGB	98, 80, 142
RGB Percent	38%, 31%, 56%
CMY	0.6157, 0.6863, 0.4431
CMYK	0.31, 0.44, 0.00, 0.44
HSL	257°, 28%, 44%
HSV	257°, 44%, 56%
XYZ	12.7881, 10.2870, 26.9028
YIQ	92.4500, -9.1740, 23.0980

Conversions

Conversions Part 2

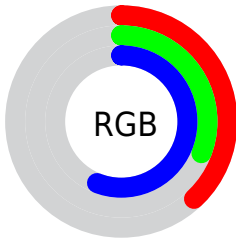
Format	Color
R_{YB}	98, 80, 142
Decimal	6443150
CIE _{Lab}	38.35, 21.93, -31.79
CIE _{LCh}	38, 38.619, 304.601
Yxy	10.2870, 0.2559, 0.2058
Android (android.graphics.Color)	4284633230 (0xFF62508E)
YUV	92.4500, 24.4281, 4.8673
Hunter-Lab	32.0733, 15.0425, -27.2805

Details

The Hex color **62508E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7C8E50**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **9681C4**, and **30235B** is the 20% darker color. If you saturate the color by 10%, you get **58428E**, and if you desaturate by 10%, it is **6C5E8E**.

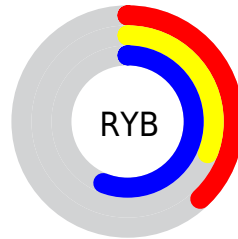
Distribution



Red (38%)

Green (31%)

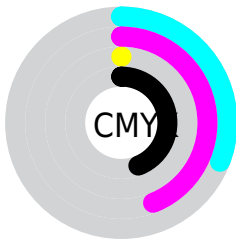
Blue (56%)



Red (38%)

Yellow (31%)

Blue (56%)

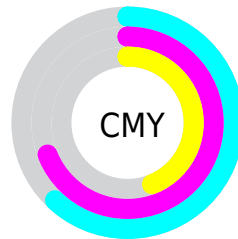


Cyan (31%)

Magenta (44%)

Yellow (0%)

Black (44%)



Cyan (62%)

Magenta (69%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62508E 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 62508E by changing the saturation by 10% instead.

■ 62508E

■ 62508E

FFFFFF

■ 493974

■ 9681C4

■ 30235B

■ B29CE0

■ 180E43

■ CEB7FD

■ 00002D

■ EAD2FF

■ 000117

■ FFEFFF

■ 000000

■ 62508E

■ 62508E

■ 58428E

■ 6C5E8E

■ 4E348E

■ 766C8E

44258E

807B8E

3A178E

8A898E

30098E

94978E

29008E

9EA58E

A9B38E

B3C28E

BDD08E

Harmonies

Analogous

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



205C99



62508E



844376

Triad

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



62508E



804F21



006A5E

Complementary

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



62508E



7C8E50

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.



12683E



62508E



675A17

Square

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



62508E



904338



466324



00697D

Rectangle

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



62508E



903E61



466324



006953

Sweetspot

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



62508E



A7A0B8



507C8E



514D5C



DBDBDB



5C5C5C

Same Dimension

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



62508E



7458B8



81508E



424047



270087



020008

Inverse Universe

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



8E507C



B8589C



5D8E50



474045



870060



080005

Previews

White Background



This preview shows how the Hex color 62508E looks on a white background.

Color Contrast Check

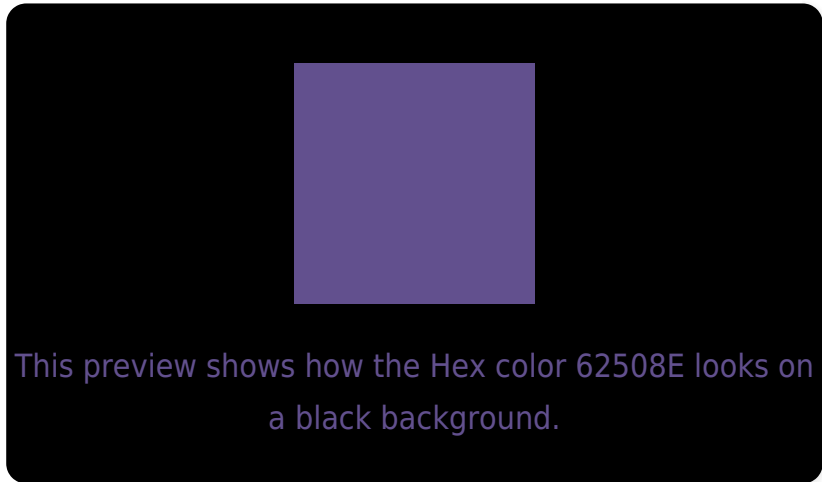
Large Text (above 18pt) WCAG AA ✓ Pass

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

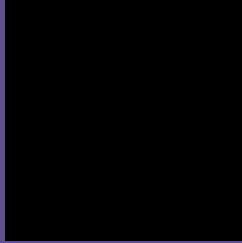
Any Text WCAG AA × Fail

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 62508E Background



This preview shows how black text looks on a background with the Hex color 62508E.




This preview shows how white text looks on a background with the Hex color 62508E.

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
595A61

Trichromacy



Original Color
62508E

Protanomaly
4D5593

Deuteranomaly
4D568D

Tritanomaly
5C5671

Monochromacy



Original Color
62508E

Achromatopsia
5C5C5C

Achromatomaly
5E586E

CSS Examples

Text

The CSS property to change the color of the text to Hex 62508E 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 #62508E looks like.

```
.text, #text, p{  
    color:#62508E  
}
```

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 #62508E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62508E
}
```

Border

The CSS property to change the border of an element to Hex 62508E is called "border". The border property can be set on classes, ids or directly on the HTML element.

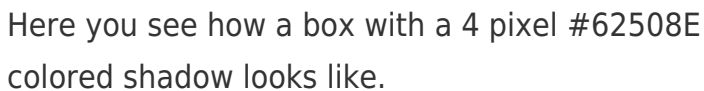
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#62508E }
```

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

```
.border{ border-color:#62508E }
```

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



Here you see how a box with a 4 pixel #62508E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62508E; -webkit-box-shadow:4px 4px  
4px 4px #62508E; box-shadow:4px 4px 4px  
4px #62508E }
```

Background

The CSS property to change the background color of an element to Hex 62508E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62508E }
```

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

```
.background{ background-color:#62508E }
```

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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