

# Converting Colors

Hex(62517C)

Have a look what the booklet for  
Hex(62517C) contains.

<b>Hex(62517C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(62517C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	62517C
RGB	98, 81, 124
RGB Percent	38%, 32%, 49%
CMY	0.6157, 0.6824, 0.5137
CMYK	0.21, 0.35, 0.00, 0.51
HSL	264°, 21%, 40%
HSV	264°, 35%, 49%
XYZ	11.6175, 9.9368, 20.3745
YIQ	90.9850, -3.6710, 16.9770

# Conversions

## Conversions Part 2

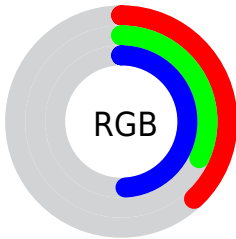
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 81, 124
Decimal	6443388
CIE <sub>Lab</sub>	37.73, 16.55, -21.76
CIE <sub>LCh</sub>	38, 27.338, 307.257
Yxy	9.9368, 0.2771, 0.2370
Android (android.graphics.Color)	4284633468 (0xFF62517C)
<b>YUV</b>	90.9850, 16.2764, 6.1522
Hunter-Lab	31.5226, 10.6207, -16.2559

# Details

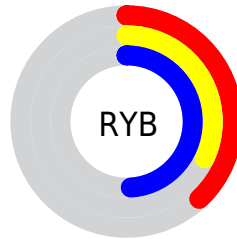
The Hex color **62517C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6B7C51**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9582B1**, and **32244B** is the 20% darker color. If you saturate the color by 10%, you get **5B457C**, and if you desaturate by 10%, it is **695D7C**.

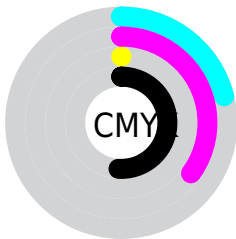
# Distribution



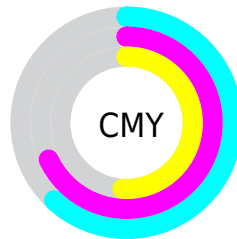
- Red (38%)
- Green (32%)
- Blue (49%)



- Red (38%)
- Yellow (32%)
- Blue (49%)



- Cyan (21%)
- Magenta (35%)
- Yellow (0%)
- Black (51%)



- Cyan (62%)
- Magenta (68%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62517C 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 62517C by changing the saturation by 10% instead.



■ 62517C

■ 62517C

FFFFFF

■ 4A3A63

■ 9582B1

■ 32244B

■ B09DCC

■ 1C1034

■ CCB7E8

■ 00001F

■ E8D3FF

■ 000001

■ FFF0FF

■ 000000

■ 62517C

■ 62517C

■ 5B457C

■ 695D7C

■ 53387C

■ 716A7C

4C2C7C

78767C

441F7C

80837C

3D137C

878F7C

35077C

8F9B7C

31007C

96A87C

9EB47C

A5C17C

# Harmonies

## Analogous

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



405984



62517C



794A6A

# Triad

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



62517C



755230



00645E

# Complementary

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



62517C



6B7C51

# 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.



2D6347



62517C



61592C

# Square

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



62517C



814A3F



4A5F35



006373

# Rectangle

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



62517C



81475C



4A5F35



116456



# Sweetspot

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



62517C



9791A1



516C7C



4C4852



D1D1D1



525252



# Same Dimension

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



62517C



785DA1



77517C



39373D



31007D



6400FC



# Inverse Universe

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



7C516B



A15D86



567C51



3D373B



7D004C



FC0099



# Previews

## White Background



This preview shows how the Hex color 62517C looks on a white background.

## Color Contrast Check

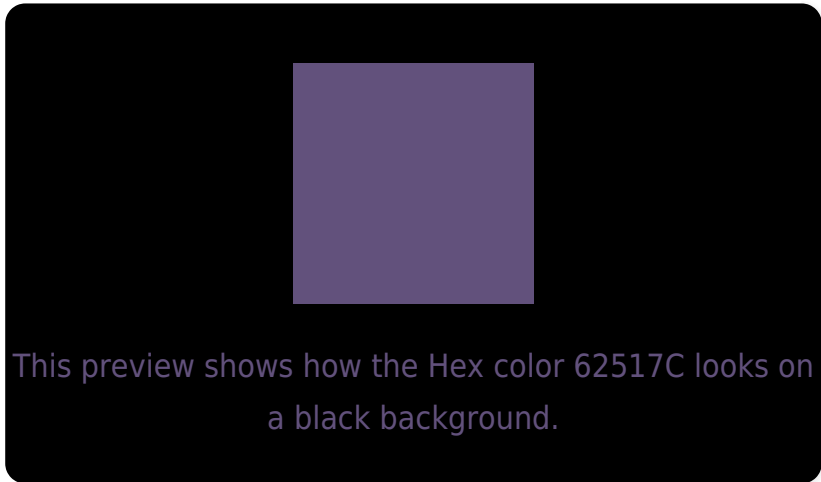
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

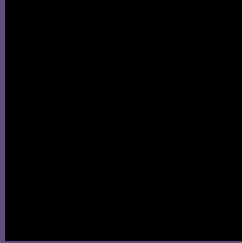
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 62517C Background



This preview shows how black text looks on a background with the Hex color 62517C.

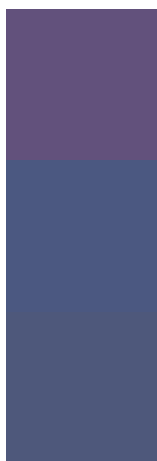


This preview shows how white text looks on a background with the Hex color 62517C.

# 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**  
62517C

**Protanopia**  
4B5881

**Deuteranopia**  
4E587B



# Trichromacy



**Original Color**  
62517C

**Protanomaly**  
53557F

**Deuteranomaly**  
55557B

**Tritanomaly**  
5F5569

# Monochromacy



**Original Color**  
62517C

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
5E5767

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62517C 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 #62517C looks like.

```
.text, #text, p{  
    color:#62517C  
}
```

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 #62517C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62517C
}
```

## Border

The CSS property to change the border of an element to Hex 62517C is called "border". The border property can be set on classes, ids or directly on the HTML element.

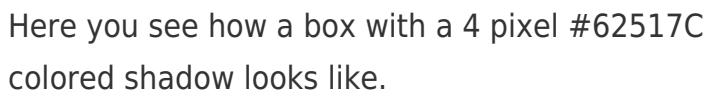
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#62517C }
```

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

```
.border{ border-color:#62517C }
```

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



Here you see how a box with a 4 pixel #62517C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62517C; -webkit-box-shadow:4px 4px  
4px 4px #62517C; box-shadow:4px 4px 4px  
4px #62517C }
```

# Background

The CSS property to change the background color of an element to Hex 62517C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62517C }
```

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

```
.background{ background-color:#62517C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor