

Converting Colors

Hex(627683)

Have a look what the booklet for
Hex(627683) contains.

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Color

Hex(627683)

Conversions

Conversions Part 1

Format	Color
Hex	627683
RGB	98, 118, 131
RGB Percent	38%, 46%, 51%
CMY	0.6157, 0.5373, 0.4863
CMYK	0.25, 0.10, 0.00, 0.49
HSL	204°, 14%, 45%
HSV	204°, 25%, 51%
XYZ	15.6122, 17.1922, 23.9683
YIQ	113.5020, -16.0930, -0.1970

Conversions

Conversions Part 2

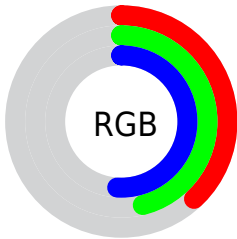
Format	Color
R _Y B	98, 110, 131
Decimal	6452867
CIE Lab	48.50, -4.19, -9.55
CIE LCh	49, 10.431, 246.288
Yxy	17.1922, 0.2750, 0.3028
Android (android.graphics.Color)	4284642947 (0xFF627683)
YUV	113.5020, 8.6265, -13.5953
Hunter-Lab	41.4635, -5.3509, -5.2486

Details

The Hex color **627683** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **836F62**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **95AAB8**, and **324652** is the 20% darker color. If you saturate the color by 10%, you get **557183**, and if you desaturate by 10%, it is **6F7B83**.

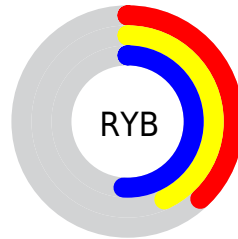
Distribution



Red (38%)

Green (46%)

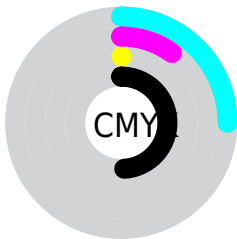
Blue (51%)



Red (38%)

Yellow (43%)

Blue (51%)

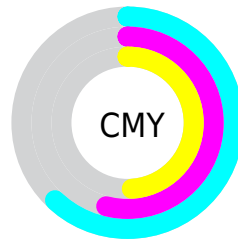


Cyan (25%)

Magenta (10%)

Yellow (0%)

Black (49%)



Cyan (62%)

Magenta (54%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 627683 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 627683 by changing the saturation by 10% instead.

■ 627683

■ 627683

FFFFFF

■ 4A5D6A

■ 95AAB8

■ 324652

■ B0C5D4

■ 1C2F3B

■ CCE1F0

■ 061B25

■ E8FEFF

■ 000110

■ 000000

■ 627683

■ 627683

■ 557183

■ 6F7B83

■ 486C83

■ 7C8083

■ 3B6783

■ 898583

■ 2E6183

■ 968B83

■ 215C83

■ A49083

■ 135783

■ B19583

■ 065283

■ BE9A83

■ 004F83

■ CB9F83

■ D8A483

Harmonies

Analogous

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



5D787D



627683



6C7385

Triad

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



627683



856D72



6E7665

Complementary

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



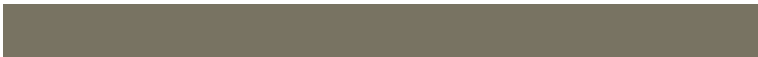
627683



836F62

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.



787362



627683



856E69

Square

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



627683



806E7A



817063



65786C

Rectangle

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



627683



747183



817063



727563

Sweetspot

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



627683



9DA5AB



62836F



4E5357



D6D6D6



575757

Same Dimension

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



627683



7897AB



626683



3C4042



004F82



000203

Inverse Universe

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



836276



AB7897



837F62



423C40



82004F



030002

Previews

White Background



This preview shows how the Hex color 627683 looks on a white background.

Color Contrast Check

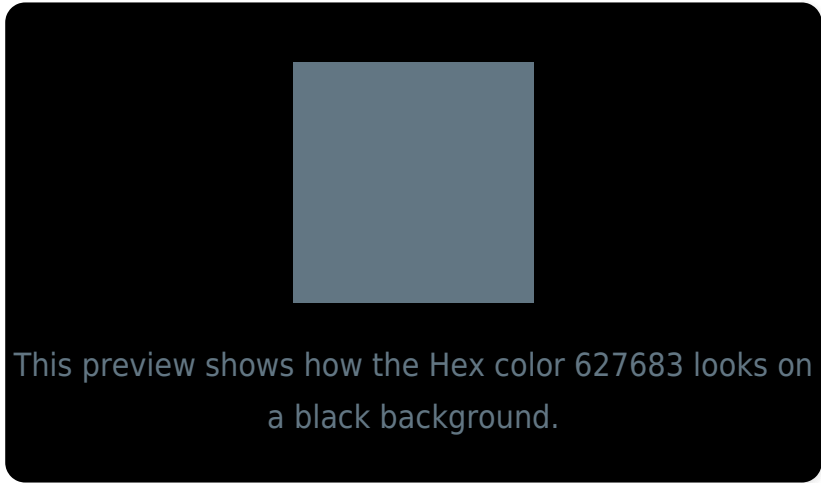
Large Text (above 18pt) WCAG AA ✓ Pass

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

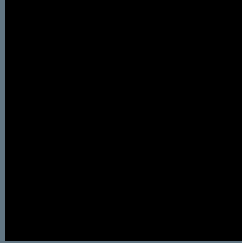
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

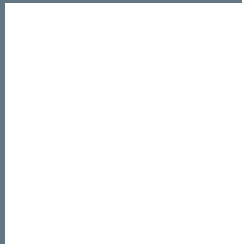
Any Text WCAG AAA × Fail

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

Hex 627683 Background



This preview shows how black text looks on a background with the Hex color 627683.



This preview shows how white text looks on a background with the Hex color 627683.

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
627683

Protanopia
717280

Deuteranopia
767084



Tritanopia
617680

Trichromacy



Original Color
627683

Protanomaly
6C7381

Deuteranomaly
6F7284

Tritanomaly
617681

Monochromacy



Original Color
627683

Achromatopsia
727272

Achromatomaly
6C7378

CSS Examples

Text

The CSS property to change the color of the text to Hex 627683 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 #627683 looks like.

```
.text, #text, p{  
    color:#627683  
}
```

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 #627683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627683
}
```

Border

The CSS property to change the border of an element to Hex 627683 is called "border". The border property can be set on classes, ids or directly on the HTML element.

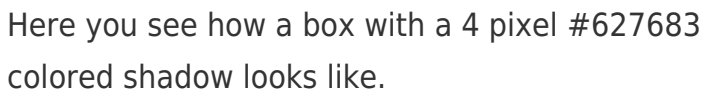
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#627683 }
```

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

```
.border{ border-color:#627683 }
```

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



Here you see how a box with a 4 pixel #627683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627683; -webkit-box-shadow:4px 4px  
4px 4px #627683; box-shadow:4px 4px 4px  
4px #627683 }
```

Background

The CSS property to change the background color of an element to Hex 627683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627683 }
```

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

```
.background{ background-color:#627683 }
```

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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