

Converting Colors

Hex(27577B)

Have a look what the booklet for
Hex(27577B) contains.

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Color

Hex(27577B)

Conversions

Conversions Part 1

Format	Color
Hex	27577B
RGB	39, 87, 123
RGB Percent	15%, 34%, 48%
CMY	0.8471, 0.6588, 0.5176
CMYK	0.68, 0.29, 0.00, 0.52
HSL	206°, 52%, 32%
HSV	206°, 68%, 48%
XYZ	7.8200, 8.6778, 20.0017
YIQ	76.7520, -40.1640, 1.0200

Conversions

Conversions Part 2

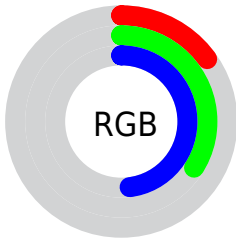
Format	Color
R_{YB}	39, 70, 123
Decimal	2578299
CIE _{Lab}	35.36, -3.90, -25.15
CIE _{LCh}	35, 25.447, 261.192
Yxy	8.6778, 0.2143, 0.2378
Android (android.graphics.Color)	4280768379 (0xFF27577B)
YUV	76.7520, 22.8003, -33.1085
Hunter-Lab	29.4581, -4.1664, -19.6366




Details

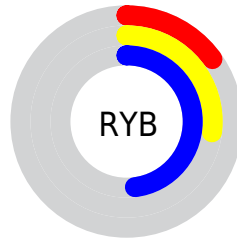
The Hex color **27577B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7B4B27**, and the grayscale version is **4D4D4D**.




A 20% lighter version of the original color is **5E89B0**, and **002A4A** is the 20% darker color. If you saturate the color by 10%, you get **1B527B**, and if you desaturate by 10%, it is **335C7B**.

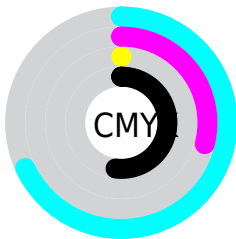
Distribution







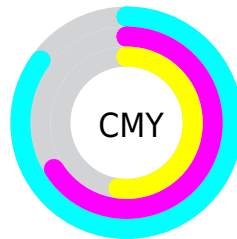
-  Red (15%)
-  Green (34%)
-  Blue (48%)






-  Red (15%)
-  Yellow (27%)
-  Blue (48%)



-  Cyan (68%)
-  Magenta (29%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (85%)
-  Magenta (66%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27577B 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 27577B by changing the saturation by 10% instead.

■ 27577B

■ 27577B

FFFFFF

■ 004062

■ 5E89B0

■ 002A4A

■ 79A3CB

■ 001633

■ 94BEE7

■ 00021E

■ B0DAFF

■ 000000

■ CCF6FF

■ E9FFFF

■ 27577B

■ 27577B

■ 1B527B

■ 335C7B

■ 0E4C7B

■ 40627B

■ 02477B

■ 4C677B

■ 00467B

■ 586C7B

■ 65717B

■ 71777B

■ 7D7C7B

■ 89817B

■ 96867B

Harmonies

Analogous

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



005C72



27577B



4C5079

Triad

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



27577B



7A4446



3A5B39

Complementary

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



27577B



7B4B27

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.



52562C



27577B



744934

Square

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



27577B



76435A



65502B



1C5D4C

Rectangle

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



27577B



5F4B72



65502B



425A34

Sweetspot

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



27577B



8193A1



277B4A



3E4952



D1D1D1



525252

Same Dimension

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



27577B



1D68A1



272E7B



373B3D



00477D



0090FC

Inverse Universe

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



7B2757



A11D68



7B7427



3D373B



7D0047



FC0090

Previews

White Background



This preview shows how the Hex color 27577B looks on a white background.

Color Contrast Check

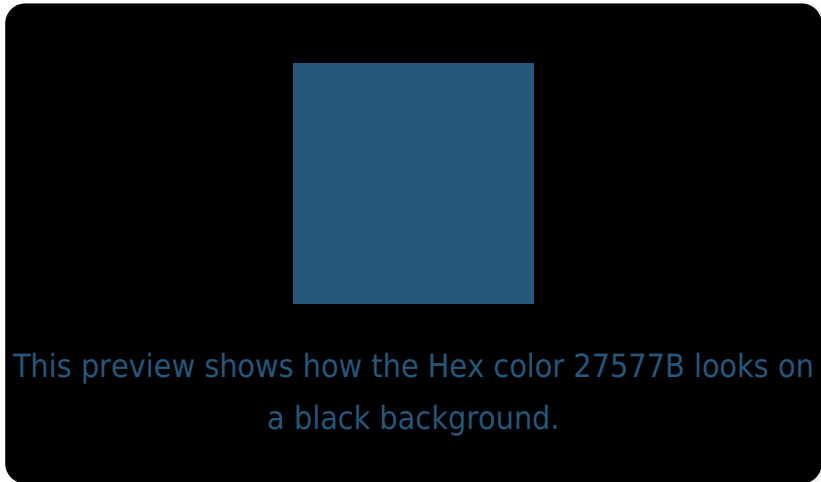
Large Text (above 18pt) WCAG AA ✓ Pass

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

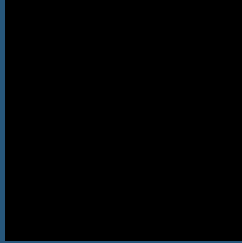
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

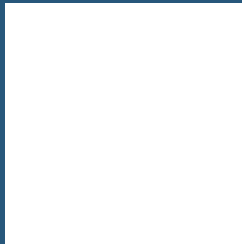
Any Text WCAG AAA × Fail

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

Hex 27577B Background



This preview shows how black text looks on a background with the Hex color 27577B.



This preview shows how white text looks on a background with the Hex color 27577B.

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
27577B

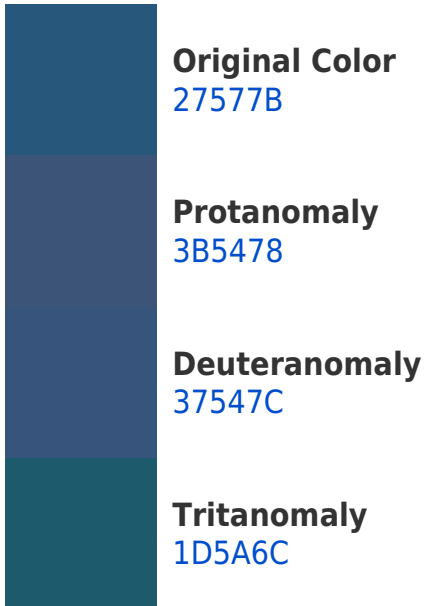
Protanopia
475277

Deuteranopia
40527C

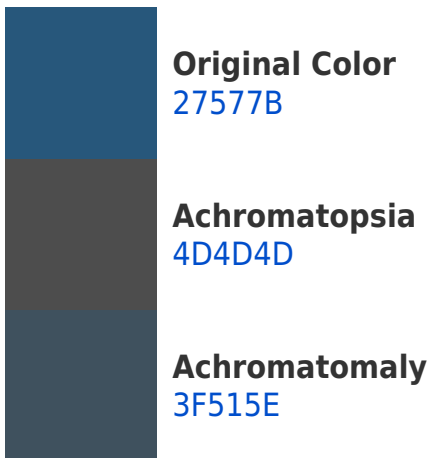


Tritanopia
175C63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 27577B 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 #27577B looks like.

```
.text, #text, p{  
    color:#27577B  
}
```

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 #27577B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27577B
}
```

Border

The CSS property to change the border of an element to Hex 27577B 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
#27577B }
```

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

```
.border{ border-color:#27577B }
```

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

Here you see how a box with a 4 pixel #27577B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27577B; -webkit-box-shadow:4px 4px  
4px 4px #27577B; box-shadow:4px 4px 4px  
4px #27577B }
```

Background

The CSS property to change the background color of an element to Hex 27577B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27577B }
```

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

```
.background{ background-color:#27577B }
```

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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