

Converting Colors

Hex(227278)

Have a look what the booklet for
Hex(227278) contains.

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Color

Hex(227278)

Conversions

Conversions Part 1

Format	Color
Hex	227278
RGB	34, 114, 120
RGB Percent	13%, 45%, 47%
CMY	0.8667, 0.5529, 0.5294
CMYK	0.72, 0.05, 0.00, 0.53
HSL	184°, 56%, 30%
HSV	184°, 72%, 47%
XYZ	10.0672, 13.7308, 19.8890
YIQ	90.7640, -49.6060, -15.0940

Conversions

Conversions Part 2

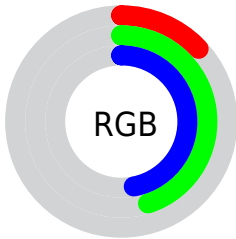
Format	Color
R_{YB}	34, 75, 120
Decimal	2257528
CIE _{Lab}	43.84, -21.38, -10.30
CIE _{LCh}	44, 23.731, 205.721
Yxy	13.7308, 0.2304, 0.3143
Android (android.graphics.Color)	4280447608 (0xFF227278)
YUV	90.7640, 14.4133, -49.7820
Hunter-Lab	37.0551, -16.3512, -5.8849




Details

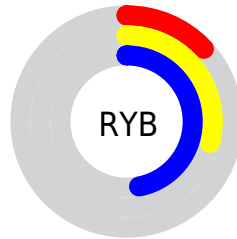
The Hex color **227278** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **782822**, and the grayscale version is **5B5B5B**.




A 20% lighter version of the original color is **5CA6AC**, and **004248** is the 20% darker color. If you saturate the color by 10%, you get **167178**, and if you desaturate by 10%, it is **2E7378**.

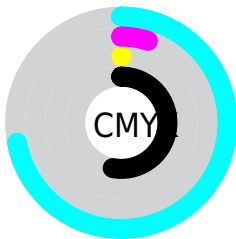
Distribution







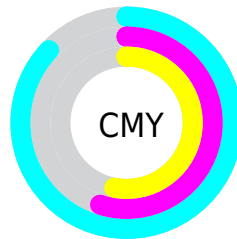
-  Red (13%)
-  Green (45%)
-  Blue (47%)






-  Red (13%)
-  Yellow (29%)
-  Blue (47%)



-  Cyan (72%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (87%)
-  Magenta (55%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 227278 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 227278 by changing the saturation by 10% instead.

 227278

 227278

FFFFFF

 00595F

 5CA6AC

 004248

 78C1C8

 002B31

 93DDE4

 00171C

 AFFAFF

 000000

 CCFFFF

 E9FFFF

 227278

 227278

 167178

 2E7378

■ 0A7078

■ 3A7478

■ 007078

■ 467578

■ 527578

■ 5E7678

■ 6A7778

■ 767878

■ 827978

■ 8E7A78

Harmonies

Analogous

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



357264



227278



2B6F88

Triad

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



227278



7E5D7E



786540

Complementary

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



227278



782822

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.



875F48



227278



8C596B

Square

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



227278



66648B



8E5A58



636C44

Rectangle

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



227278



3D6C8D



8E5A58



7D6342

Sweetspot

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



227278



79999C



227828



3A4E4F



CFCFCF



4F4F4F

Same Dimension

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



227278



16929C



224778



373D3D



00747D



00EBFC

Inverse Universe

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



782272



9C1692



785322



3D373D



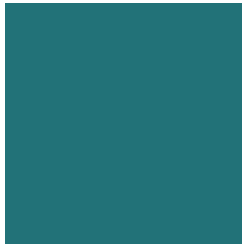
7D0074



FC00EB

Previews

White Background



This preview shows how the Hex color 227278 looks on a white background.

Color Contrast Check

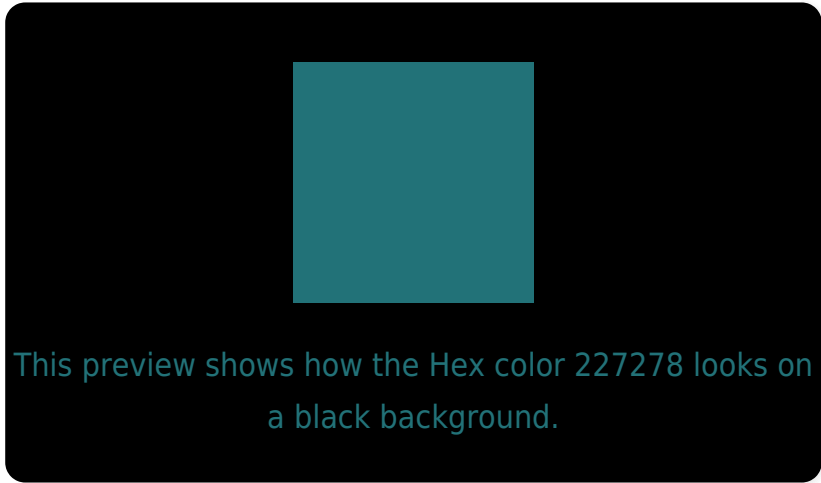
Large Text (above 18pt) WCAG AA ✓ Pass

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 227278 Background



This preview shows how black text looks on a background with the Hex color 227278.

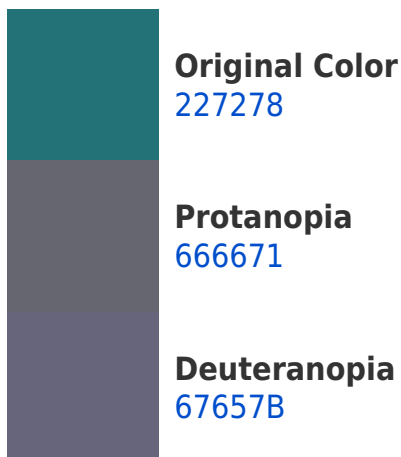


This preview shows how white text looks on a background with the Hex color 227278.

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
24727B

Trichromacy



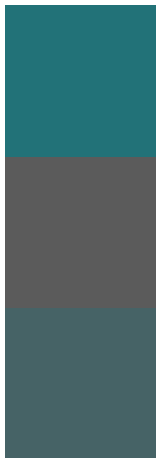
Original Color
227278

Protanomaly
4D6A74

Deuteranomaly
4E6A7A

Tritanomaly
23727A

Monochromacy



Original Color
227278

Achromatopsia
5B5B5B

Achromatomaly
466366

CSS Examples

Text

The CSS property to change the color of the text to Hex 227278 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 #227278 looks like.

```
.text, #text, p{  
    color:#227278  
}
```

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 #227278 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #227278
}
```

Border

The CSS property to change the border of an element to Hex 227278 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
#227278 }
```

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

```
.border{ border-color:#227278 }
```

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

Here you see how a box with a 4 pixel #227278 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #227278; -webkit-box-shadow:4px 4px  
4px 4px #227278; box-shadow:4px 4px 4px  
4px #227278 }
```

Background

The CSS property to change the background color of an element to Hex 227278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#227278 }
```

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

```
.background{ background-color:#227278 }
```

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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