

Converting Colors

Hex(226C6C)

Have a look what the booklet for
Hex(226C6C) contains.

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Color

Hex(226C6C)

Conversions

Conversions Part 1

Format	Color
Hex	226C6C
RGB	34, 108, 108
RGB Percent	13%, 42%, 42%
CMY	0.8667, 0.5765, 0.5765
CMYK	0.69, 0.00, 0.00, 0.58
HSL	180°, 52%, 28%
HSV	180°, 69%, 42%
XYZ	8.7290, 12.1479, 16.0721
YIQ	85.8740, -44.1040, -15.6880

Conversions

Conversions Part 2

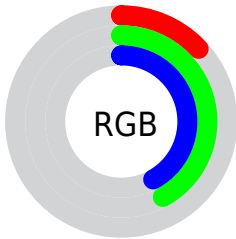
Format	Color
R_{YB}	34, 71, 108
Decimal	2255980
CIE _{Lab}	41.45, -22.04, -6.65
CIE _{LCh}	41, 23.024, 196.777
Yxy	12.1479, 0.2362, 0.3288
Android (android.graphics.Color)	4280446060 (0xFF226C6C)
YUV	85.8740, 10.9081, -45.4935
Hunter-Lab	34.8539, -16.2896, -2.9425

Details

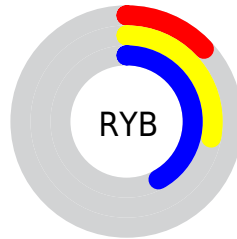
The Hex color **226C6C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6C2222**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **5AA09F**, and **003C3D** is the 20% darker color. If you saturate the color by 10%, you get **176C6C**, and if you desaturate by 10%, it is **2D6C6C**.

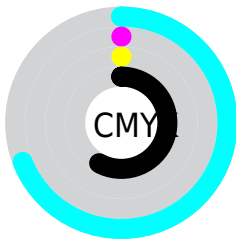
Distribution



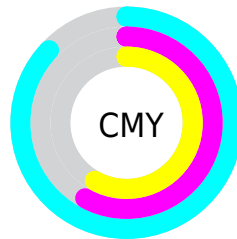
- Red (13%)
- Green (42%)
- Blue (42%)



- Red (13%)
- Yellow (28%)
- Blue (42%)



- Cyan (69%)
- Magenta (0%)
- Yellow (0%)
- Black (58%)



- Cyan (87%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 226C6C 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 226C6C by changing the saturation by 10% instead.

 226C6C

 226C6C


FFFFFF

 005354

 5AA09F

 003C3D

 75BBBA

 002627

 90D7D6

 000B13

 ACF3F2


 000000

 C9FFFF

 E5FFFF

 226C6C

 226C6C

 176C6C

 2D6C6C

0C6C6C

386C6C

026C6C

426C6C

006C6C

4D6C6C

586C6C

636C6C

6E6C6C

786C6C

836C6C

Harmonies

Analogous

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



376B58



226C6C



216A7D

Triad

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



226C6C



71597C



765E3D

Complementary

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



226C6C



6C2222

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.



835747



226C6C



82546B

Square

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



226C6C



586086



875458



64643D

Rectangle

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



226C6C



306884



875458



7B5C3F

Sweetspot

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



226C6C



6F8C8C



226C22



364747



C7C7C7



474747

Same Dimension

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



226C6C



198C8C



22476C



303636



007575



00F5F5

Inverse Universe

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



6C226C



8C198C



6C4722



363036



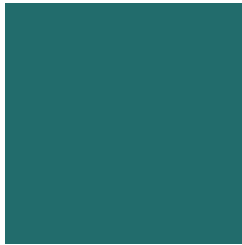
750075



F500F5

Previews

White Background



This preview shows how the Hex color 226C6C looks on a white background.

Color Contrast Check

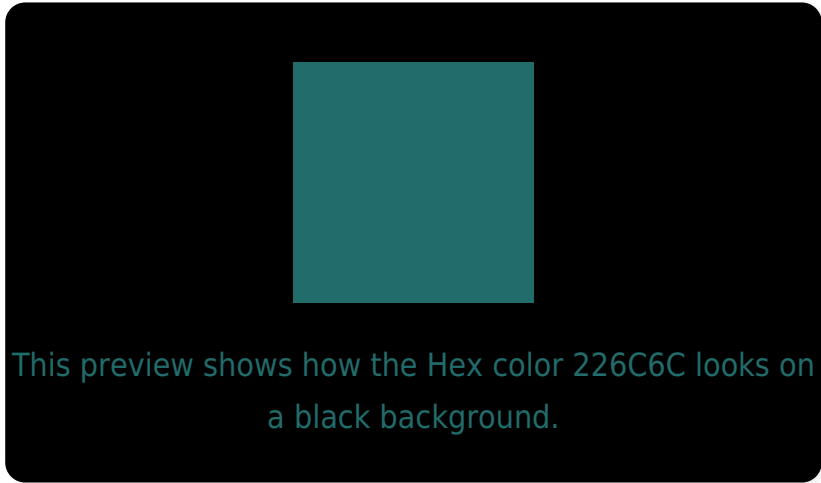
Large Text (above 18pt) WCAG AA ✓ Pass

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

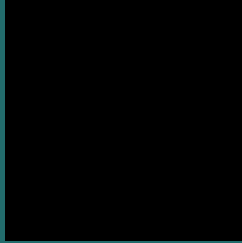
Any Text WCAG AA × Fail

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 226C6C Background



This preview shows how black text looks on a background with the Hex color 226C6C.



This preview shows how white text looks on a background with the Hex color 226C6C.

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
226C6C

Protanopia
626165

Deuteranopia
645F6F

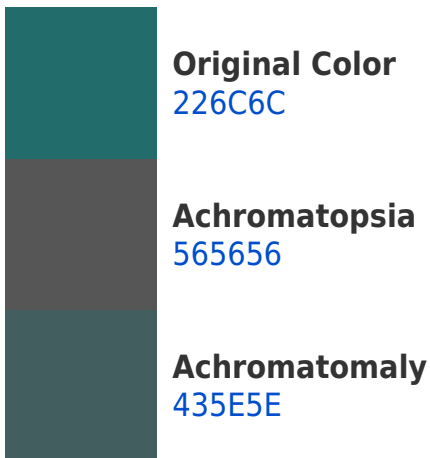


Tritanopia
266B74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 226C6C 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 #226C6C looks like.

```
.text, #text, p{  
    color:#226C6C  
}
```

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 #226C6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #226C6C
}
```

Border

The CSS property to change the border of an element to Hex 226C6C 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
#226C6C }
```

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

```
.border{ border-color:#226C6C }
```

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

Here you see how a box with a 4 pixel #226C6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #226C6C; -webkit-box-shadow:4px 4px  
4px 4px #226C6C; box-shadow:4px 4px 4px  
4px #226C6C }
```

Background

The CSS property to change the background color of an element to Hex 226C6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#226C6C }
```

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

```
.background{ background-color:#226C6C }
```

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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