

Converting Colors

Hex(226665)

Have a look what the booklet for
Hex(226665) contains.

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Color

Hex(226665)

Conversions

Conversions Part 1

Format	Color
Hex	226665
RGB	34, 102, 101
RGB Percent	13%, 40%, 40%
CMY	0.8667, 0.6000, 0.6039
CMYK	0.67, 0.00, 0.01, 0.60
HSL	179°, 50%, 27%
HSV	179°, 67%, 40%
XYZ	7.7600, 10.7824, 13.9841
YIQ	81.5540, -40.2070, -14.7270

Conversions

Conversions Part 2

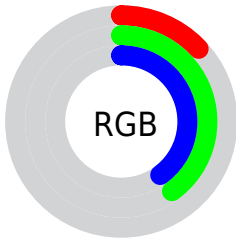
Format	Color
R_{YB}	34, 68, 102
Decimal	2254437
CIE _{Lab}	39.21, -21.07, -5.71
CIE _{LCh}	39, 21.833, 195.174
Yxy	10.7824, 0.2386, 0.3315
Android (android.graphics.Color)	4280444517 (0xFF226665)
YUV	81.5540, 9.5869, -41.7049
Hunter-Lab	32.8366, -15.2804, -2.2643




Details

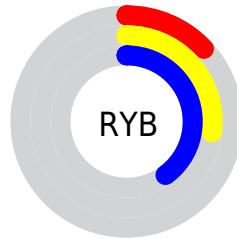
The Hex color **226665** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **662223**, and the grayscale version is **515151**.




A 20% lighter version of the original color is **599998**, and **003736** is the 20% darker color. If you saturate the color by 10%, you get **186665**, and if you desaturate by 10%, it is **2C6665**.

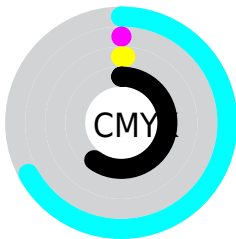
Distribution







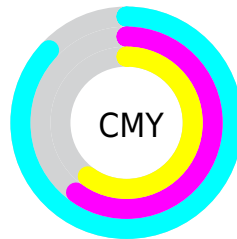
-  Red (13%)
-  Green (40%)
-  Blue (40%)






-  Red (13%)
-  Yellow (27%)
-  Blue (40%)



-  Cyan (67%)
-  Magenta (0%)
-  Yellow (1%)
-  Black (60%)



-  Cyan (87%)
-  Magenta (60%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 226665 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 226665 by changing the saturation by 10% instead.

 226665

 226665

FFFFFF

 004E4D

 599998

 003736

 73B4B3

 002121

 8ED0CE

 00000B

 AAEECA

 000000

 C6FFFF

 E3FFFF

 226665

 226665

 186665

 2C6665

■ 0E6665

■ 366665

■ 036665

■ 416665

■ 006664

■ 4B6666

■ 556666

■ 5F6666

■ 696666

■ 746666

■ 7E6666

Harmonies

Analogous

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



366553



226665



1F6475

Triad

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



226665



6A5575



70583A

Complementary

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



226665



662223

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.



7C5244



226665



7A5066

Square

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



226665



525B7E



7F4F54



5F5E3A

Rectangle

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



226665



2D627C



7F4F54



75563D

Sweetspot

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



226665



6A8584



236622



324242



C2C2C2



424242

Same Dimension

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



226665



1B8583



224566



2E3333



007371



00F2EF

Inverse Universe

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



662223



851B1C



664322



332E2E



730002



F20004

Previews

White Background



This preview shows how the Hex color 226665 looks on a white background.

Color Contrast Check

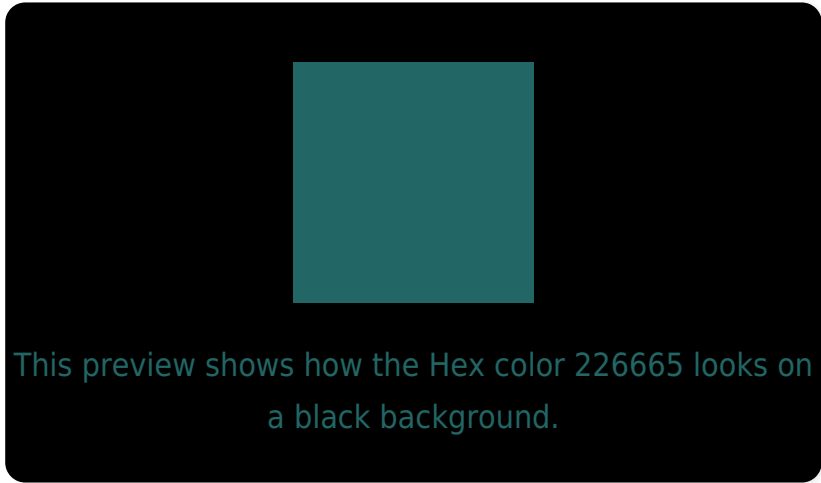
Large Text (above 18pt) WCAG AA ✓ Pass

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

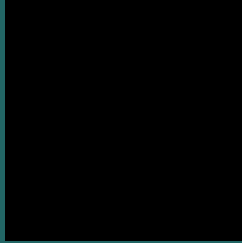
Any Text WCAG AA × Fail

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 226665 Background



This preview shows how black text looks on a background with the Hex color 226665.



This preview shows how white text looks on a background with the Hex color 226665.

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
226665

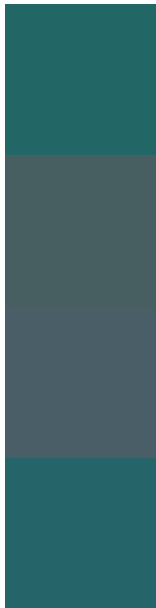
Protanopia
5D5B5F

Deuteranopia
5F5A68



Tritanopia
26656D

Trichromacy



Original Color
226665

Protanomaly
485F61

Deuteranomaly
495E67

Tritanomaly
25656A

Monochromacy



Original Color
226665

Achromatopsia
525252

Achromatomaly
415959

CSS Examples

Text

The CSS property to change the color of the text to Hex 226665 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 #226665 looks like.

```
.text, #text, p{  
    color:#226665  
}
```

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 #226665 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #226665
}
```

Border

The CSS property to change the border of an element to Hex 226665 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
#226665 }
```

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

```
.border{ border-color:#226665 }
```

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

Here you see how a box with a 4 pixel #226665 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #226665; -webkit-box-shadow:4px 4px  
4px 4px #226665; box-shadow:4px 4px 4px  
4px #226665 }
```

Background

The CSS property to change the background color of an element to Hex 226665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#226665 }
```

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

```
.background{ background-color:#226665 }
```

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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