

Converting Colors

Hex(226066)

Have a look what the booklet for
Hex(226066) contains.

Hex(226066)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(226066)

Conversions

Conversions Part 1

Format	Color
Hex	226066
RGB	34, 96, 102
RGB Percent	13%, 38%, 40%
CMY	0.8667, 0.6235, 0.6000
CMYK	0.67, 0.06, 0.00, 0.60
HSL	185°, 50%, 27%
HSV	185°, 67%, 40%
XYZ	7.2408, 9.6651, 14.0543
YIQ	78.1460, -38.8780, -11.2780

Conversions

Conversions Part 2

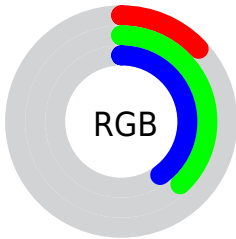
Format	Color
R_{YB}	34, 66, 102
Decimal	2252902
CIE _{Lab}	37.23, -17.50, -9.29
CIE _{LCh}	37, 19.814, 207.967
Yxy	9.6651, 0.2339, 0.3122
Android (android.graphics.Color)	4280442982 (0xFF226066)
YUV	78.1460, 11.7600, -38.7160
Hunter-Lab	31.0888, -12.8313, -5.0410

Details

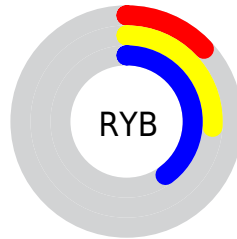
The Hex color **226066** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **662822**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **589399**, and **003137** is the 20% darker color. If you saturate the color by 10%, you get **185F66**, and if you desaturate by 10%, it is **2C6166**.

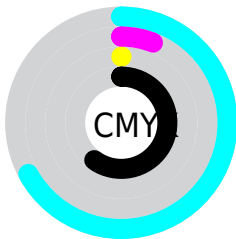
Distribution



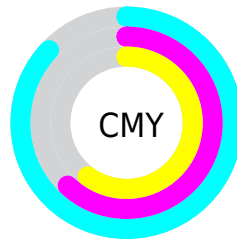
- Red (13%)
- Green (38%)
- Blue (40%)



- Red (13%)
- Yellow (26%)
- Blue (40%)



- Cyan (67%)
- Magenta (6%)
- Yellow (0%)
- Black (60%)



- Cyan (87%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 226066 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 226066 by changing the saturation by 10% instead.

■ 226066

■ 226066

FFFFFF

■ 00484E

■ 589399

■ 003137

■ 72ADB4

■ 001D22

■ 8DC9CF

■ 00000B

■ A9E5EB

■ 000000

■ C5FFFF

■ E1FFFF

■ 226066

■ 226066

■ 185F66

■ 2C6166

■ 0E5E66

■ 366266

■ 035D66

■ 416366

■ 005D66

■ 4B6466

■ 556566

■ 5F6566

■ 696666

■ 746766

■ 7E6866

Harmonies

Analogous

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



2E6056



226066



2A5E72

Triad

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



226066



6B4F69



645638

Complementary

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



226066



662822

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.



70513D



226066



754C59

Square

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



226066



585474



774D49



535B3B

Rectangle

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



226066



385B76



774D49



685439

Sweetspot

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



226066



6A8285



226628



324142



C2C2C2



424242

Same Dimension

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



226066



1B7B85



223E66



2E3333



006973



00DDF2

Inverse Universe

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



662260



851B7B



664A22



332E33



730069



F200DD

Previews

White Background



This preview shows how the Hex color 226066 looks on a white background.

Color Contrast Check

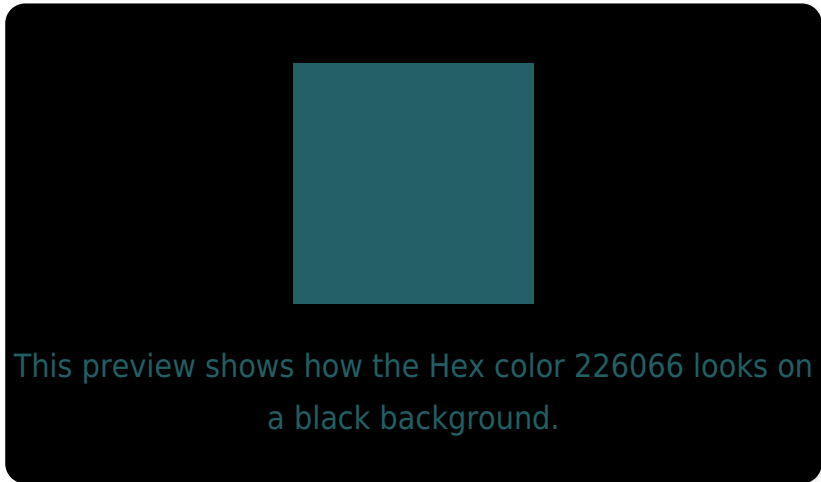
Large Text (above 18pt) WCAG AA ✓ Pass

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

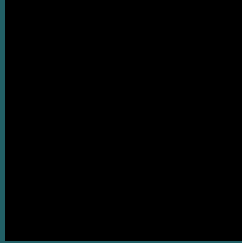
Any Text WCAG AA × Fail

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 226066 Background



This preview shows how black text looks on a background with the Hex color 226066.

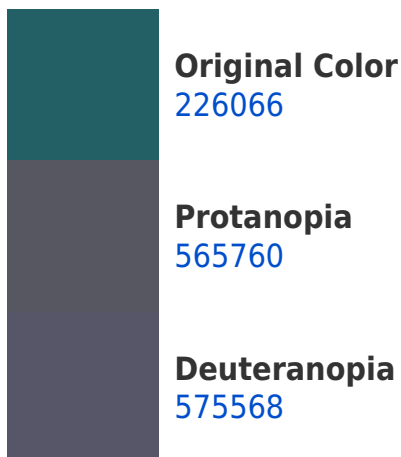


This preview shows how white text looks on a background with the Hex color 226066.

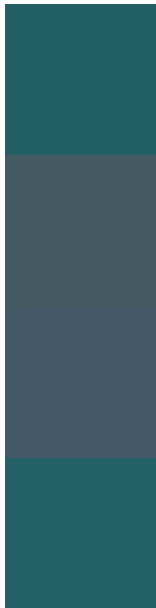
Color Blindness Simulation

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



Trichromacy



Original Color
226066

Protanomaly
435A62

Deuteranomaly
445967

Tritanomaly
236067

Monochromacy



Original Color
226066

Achromatopsia
4E4E4E

Achromatomaly
3E5557

CSS Examples

Text

The CSS property to change the color of the text to Hex 226066 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 #226066 looks like.

```
.text, #text, p{  
    color:#226066  
}
```

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 #226066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #226066
}
```

Border

The CSS property to change the border of an element to Hex 226066 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
#226066 }
```

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

```
.border{ border-color:#226066 }
```

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

Here you see how a box with a 4 pixel #226066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #226066; -webkit-box-shadow:4px 4px  
4px 4px #226066; box-shadow:4px 4px 4px  
4px #226066 }
```

Background

The CSS property to change the background color of an element to Hex 226066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#226066 }
```

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

```
.background{ background-color:#226066 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor