

Converting Colors

Hex(266D71)

Have a look what the booklet for
Hex(266D71) contains.

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Color

Hex(266D71)

Conversions

Conversions Part 1

Format	Color
Hex	266D71
RGB	38, 109, 113
RGB Percent	15%, 43%, 44%
CMY	0.8510, 0.5725, 0.5569
CMYK	0.66, 0.04, 0.00, 0.56
HSL	183°, 50%, 30%
HSV	183°, 66%, 44%
XYZ	9.2486, 12.5416, 17.5561
YIQ	88.2270, -43.6000, -13.8080

Conversions

Conversions Part 2

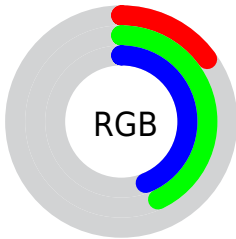
Format	Color
RYB	38, 74, 113
Decimal	2518385
CIELab	42.06, -20.30, -8.75
CIELCh	42, 22.105, 203.305
Yxy	12.5416, 0.2351, 0.3187
Android (android.graphics.Color)	4280708465 (0xFF266D71)
YUV	88.2270, 12.2131, -44.0491
Hunter-Lab	35.4141, -15.3584, -4.6024

Details

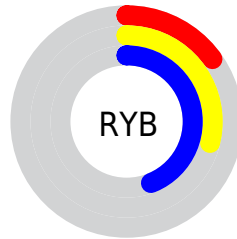
The Hex color **266D71** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **712A26**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **5DA1A5**, and **003D41** is the 20% darker color. If you saturate the color by 10%, you get **1B6C71**, and if you desaturate by 10%, it is **316E71**.

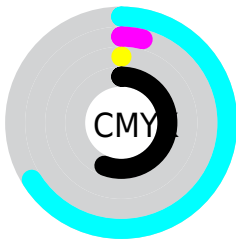
Distribution



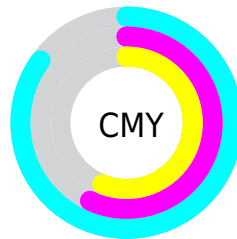
- Red (15%)
- Green (43%)
- Blue (44%)



- Red (15%)
- Yellow (29%)
- Blue (44%)



- Cyan (66%)
- Magenta (4%)
- Yellow (0%)
- Black (56%)



- Cyan (85%)
- Magenta (57%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 266D71 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 266D71 by changing the saturation by 10% instead.

 266D71

 266D71

FFFFFF

 005459

 5DA1A5

 003D41

 78BCC0

 00272B

 94D8DC

 000F17

 B0F4F8

 000000

 CCFFFF

 E9FFFF

 266D71

 266D71

 1B6C71

 316E71

■ 0F6C71

■ 3D6E71

■ 046B71

■ 486F71

■ 006B71

■ 536F71

■ 5E7071

■ 6A7171

■ 757171

■ 807271

■ 8C7271

Harmonies

Analogous

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



366D5E



266D71



2B6B80

Triad

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



266D71



765A79



74613F

Complementary

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



266D71



712A26

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.



815B47



266D71



845668

Square

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



266D71



606085



875656



616741

Rectangle

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



266D71



3B6886



875656



795F41

Sweetspot

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



266D71



769294



26712A



38494A



C9C9C9



4A4A4A

Same Dimension

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



266D71



1E8E94



264871



323838



007178



00EAF7

Inverse Universe

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



71266D



941E8E



714F26



383238



780071



F700EA

Previews

White Background



This preview shows how the Hex color 266D71 looks on a white background.

Color Contrast Check

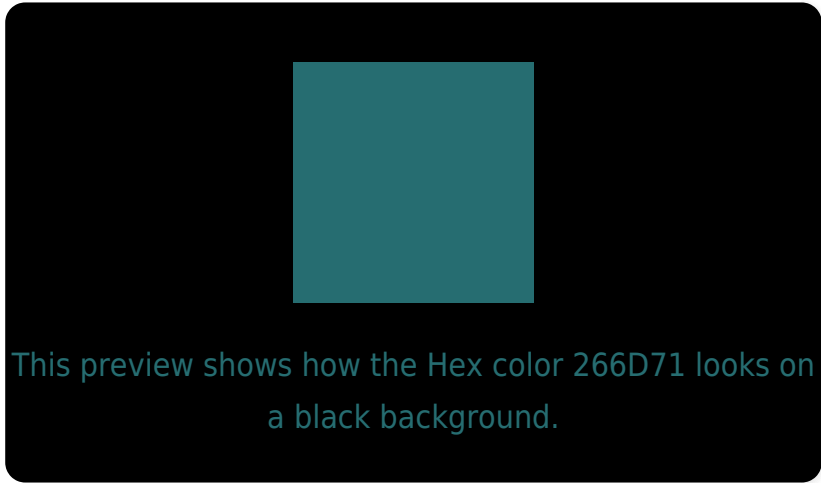
Large Text (above 18pt) WCAG AA ✓ Pass

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

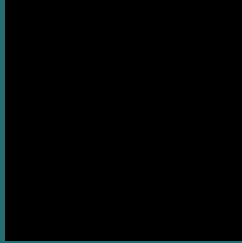
Any Text WCAG AA × Fail

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 266D71 Background



This preview shows how black text looks on a background with the Hex color 266D71.

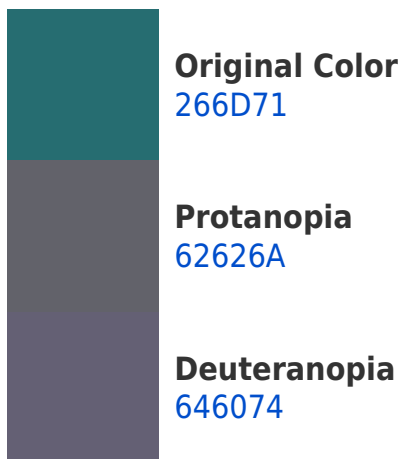


This preview shows how white text looks on a background with the Hex color 266D71.

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](#).

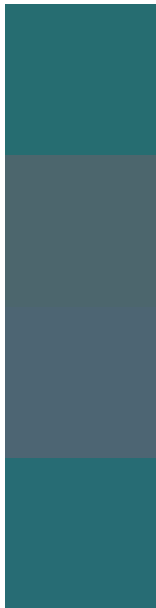
Dichromacy





Tritanopia
286C75

Trichromacy



Original Color
266D71

Protanomaly
4C666D

Deuteranomaly
4D6573

Tritanomaly
276C74

Monochromacy



Original Color
266D71

Achromatopsia
585858

Achromatomaly
466061

CSS Examples

Text

The CSS property to change the color of the text to Hex 266D71 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 #266D71 looks like.

```
.text, #text, p{  
    color:#266D71  
}
```

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 #266D71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #266D71
}
```

Border

The CSS property to change the border of an element to Hex 266D71 is called "border". The border property can be set on classes, ids or directly on the HTML element.

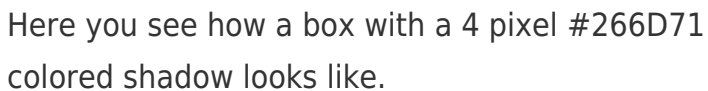
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#266D71 }
```

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

```
.border{ border-color:#266D71 }
```

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



Here you see how a box with a 4 pixel #266D71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #266D71; -webkit-box-shadow:4px 4px  
4px 4px #266D71; box-shadow:4px 4px 4px  
4px #266D71 }
```

Background

The CSS property to change the background color of an element to Hex 266D71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#266D71 }
```

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

```
.background{ background-color:#266D71 }
```

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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