

Converting Colors

Hex(206F86)

Have a look what the booklet for
Hex(206F86) contains.

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Color

Hex(206F86)

Conversions

Conversions Part 1

Format	Color
Hex	206F86
RGB	32, 111, 134
RGB Percent	13%, 44%, 53%
CMY	0.8745, 0.5647, 0.4745
CMYK	0.76, 0.17, 0.00, 0.47
HSL	194°, 61%, 33%
HSV	194°, 76%, 53%
XYZ	10.5832, 13.3972, 24.5824
YIQ	90.0010, -54.4670, -9.5950

Conversions

Conversions Part 2

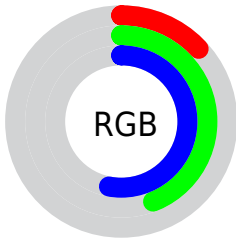
Format	Color
RYB	32, 77, 134
Decimal	2125702
CIELab	43.36, -15.30, -19.44
CIELCh	43, 24.742, 231.805
Yxy	13.3972, 0.2179, 0.2759
Android (android.graphics.Color)	4280315782 (0xFF206F86)
YUV	90.0010, 21.6915, -50.8669
Hunter-Lab	36.6022, -12.4422, -14.1982




Details

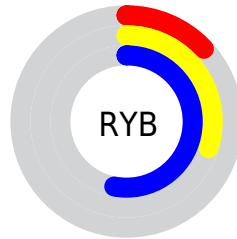
The Hex color **206F86** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **863720**, and the grayscale version is **5A5A5A**.




A 20% lighter version of the original color is **5DA3BB**, and **003F54** is the 20% darker color. If you saturate the color by 10%, you get **136C86**, and if you desaturate by 10%, it is **2D7286**.

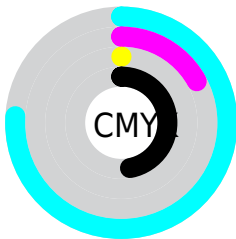
Distribution







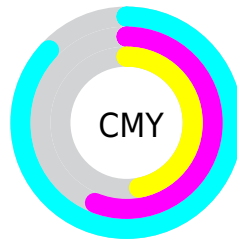
-  Red (13%)
-  Green (44%)
-  Blue (53%)






-  Red (13%)
-  Yellow (30%)
-  Blue (53%)



-  Cyan (76%)
-  Magenta (17%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (87%)
-  Magenta (56%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 206F86 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 206F86 by changing the saturation by 10% instead.

■ 206F86

■ 206F86

FFFFFF

■ 00576D

■ 5DA3BB

■ 003F54

■ 79BED7

■ 00293D

■ 95DAF3

■ 001627

■ B1F6FF

■ 000112

■ CEFFFF

■ 000000

■ EBFFFF

■ 206F86

■ 206F86

■ 136C86

■ 2D7286

■ 056986

■ 3B7586

■ 006886

■ 487886

■ 567B86

■ 637E86

■ 708186

■ 7E8486

■ 8B8786

■ 998A86

Harmonies

Analogous

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



1B7175



206F86



406A8F

Triad

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



206F86



8B576D



656A40

Complementary

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



206F86



863720

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.



79633E



206F86



8F5758

Square

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



206F86



7B5C80



885C47



4D6F4C

Rectangle

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



206F86



56668E



885C47



6C683E

Sweetspot

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



206F86



86A4AD



208636



3E5157



D6D6D6



575757

Same Dimension

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



206F86



108AAD



203D86



3C4142



006582



000203

Inverse Universe

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



86206F



AD108A



866920



423C41



820065



030002

Previews

White Background



This preview shows how the Hex color 206F86 looks on a white background.

Color Contrast Check

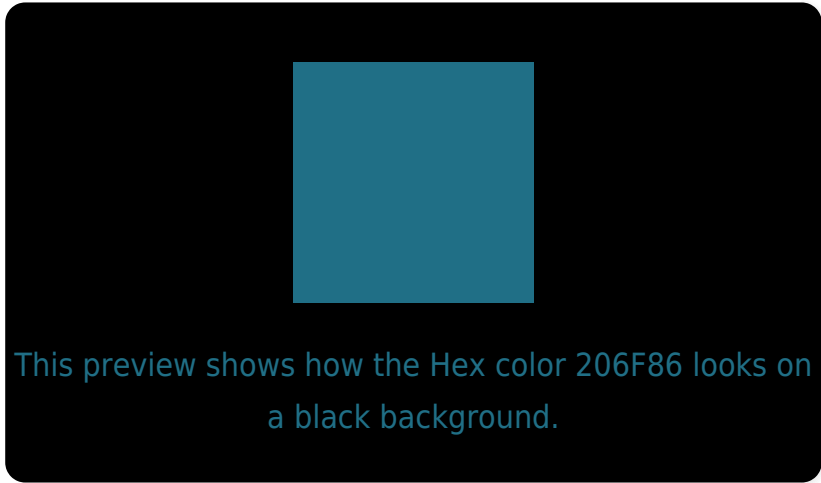
Large Text (above 18pt) WCAG AA ✓ Pass

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

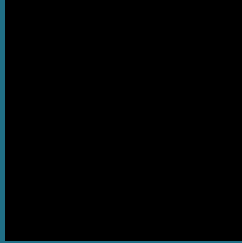
Any Text WCAG AA × Fail

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 206F86 Background



This preview shows how black text looks on a background with the Hex color 206F86.

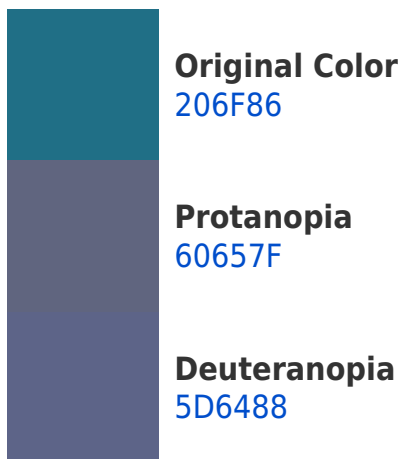


This preview shows how white text looks on a background with the Hex color 206F86.

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](#).

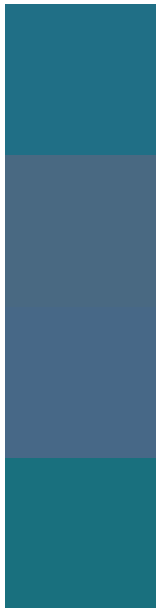
Dichromacy





Tritanopia
15717A

Trichromacy



Original Color
206F86

Protanomaly
496982

Deuteranomaly
476887

Tritanomaly
19707E

Monochromacy



Original Color
206F86

Achromatopsia
5A5A5A

Achromatomaly
45626A

CSS Examples

Text

The CSS property to change the color of the text to Hex 206F86 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 #206F86 looks like.

```
.text, #text, p{  
    color:#206F86  
}
```

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 #206F86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #206F86
}
```

Border

The CSS property to change the border of an element to Hex 206F86 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
#206F86 }
```

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

```
.border{ border-color:#206F86 }
```

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

Here you see how a box with a 4 pixel #206F86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #206F86; -webkit-box-shadow:4px 4px  
4px 4px #206F86; box-shadow:4px 4px 4px  
4px #206F86 }
```

Background

The CSS property to change the background color of an element to Hex 206F86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#206F86 }
```

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

```
.background{ background-color:#206F86 }
```

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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