

Converting Colors

Hex(206366)

Have a look what the booklet for
Hex(206366) contains.

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Color

Hex(206366)

Conversions

Conversions Part 1

Format	Color
Hex	206366
RGB	32, 99, 102
RGB Percent	13%, 39%, 40%
CMY	0.8745, 0.6118, 0.6000
CMYK	0.69, 0.03, 0.00, 0.60
HSL	183°, 52%, 26%
HSV	183°, 69%, 40%
XYZ	7.4558, 10.1901, 14.1443
YIQ	79.3090, -40.8950, -13.2710

Conversions

Conversions Part 2

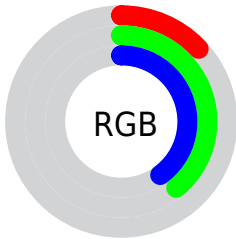
Format	Color
R_{YB}	32, 66, 102
Decimal	2122598
CIE _{Lab}	38.18, -19.50, -7.87
CIE _{LCh}	38, 21.034, 201.986
Yxy	10.1901, 0.2345, 0.3205
Android (android.graphics.Color)	4280312678 (0xFF206366)
YUV	79.3090, 11.1867, -41.4900
Hunter-Lab	31.9219, -14.1723, -3.9255




Details

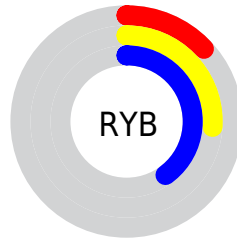
The Hex color **206366** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **662320**, and the grayscale version is **4F4F4F**.




A 20% lighter version of the original color is **579699**, and **003437** is the 20% darker color. If you saturate the color by 10%, you get **166366**, and if you desaturate by 10%, it is **2A6366**.

Distribution







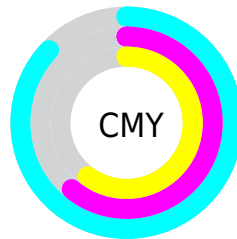
-  Red (13%)
-  Green (39%)
-  Blue (40%)






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



-  Cyan (69%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (87%)
-  Magenta (61%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 206366 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 206366 by changing the saturation by 10% instead.

 206366

 206366

FFFFFF

 004B4E

 579699

 003437

 72B1B4

 001F22

 8DCCCF

 00000B

 A8E9EB

 000000

 C4FFFF

 E1FFFF

FEFFFF

 206366

 206366

■ 166366

■ 2A6366

■ 0C6266

■ 346466

■ 016266

■ 3F6466

■ 006266

■ 496566

■ 536566

■ 5D6666

■ 676666

■ 726666

■ 7C6766

Harmonies

Analogous

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



316355



206366



246174

Triad

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



206366



6B516F



6A5738

Complementary

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



206366



662320

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.



765240



206366



784D5F

Square

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



206366



565779



7C4E4E



595D3A

Rectangle

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



206366



335E7A



7C4E4E



6E553A

Sweetspot

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



206366



698385



206622



324242



C2C2C2



424242

Same Dimension

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



206366



188085



204166



2E3333



006E73



00E8F2

Inverse Universe

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



662063



851880



664520



332E33



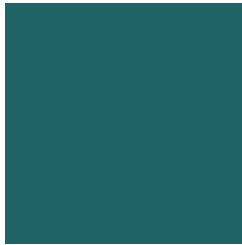
73006E



F200E8

Previews

White Background



This preview shows how the Hex color 206366 looks on a white background.

Color Contrast Check

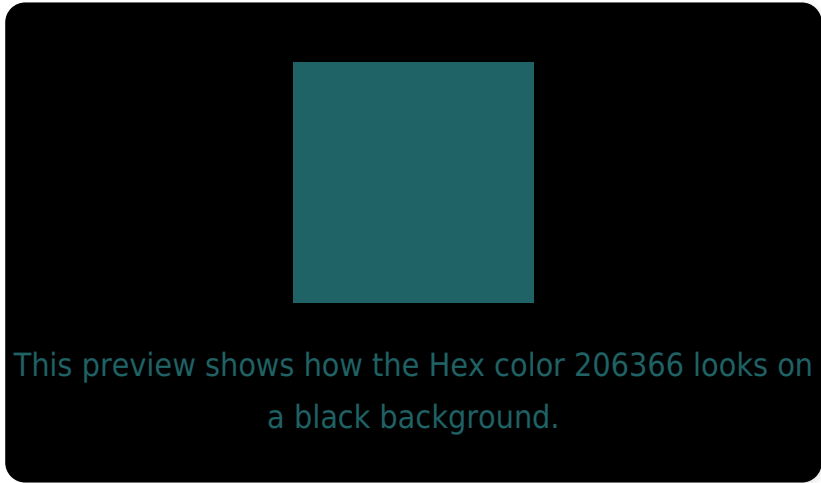
Large Text (above 18pt) WCAG AA ✓ Pass

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

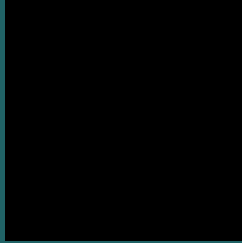
Any Text WCAG AA × Fail

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 206366 Background



This preview shows how black text looks on a background with the Hex color 206366.

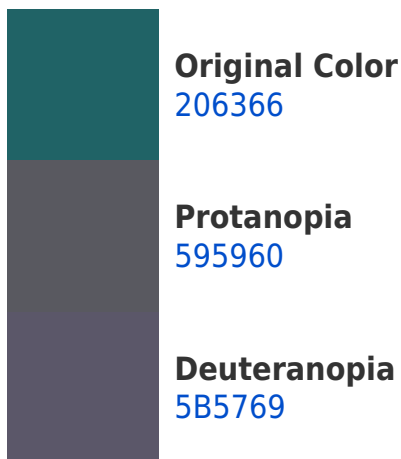



This preview shows how white text looks on a background with the Hex color 206366.

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](#).

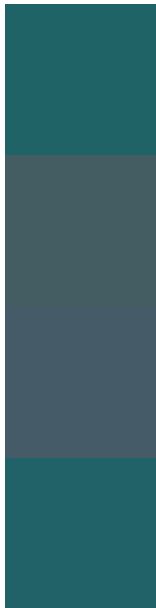
Dichromacy





Tritanopia
22626A

Trichromacy



Original Color
206366

Protanomaly
445D62

Deuteranomaly
465B68

Tritanomaly
216269

Monochromacy



Original Color
206366

Achromatopsia
4F4F4F

Achromatomaly
3E5657

CSS Examples

Text

The CSS property to change the color of the text to Hex 206366 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 #206366 looks like.

```
.text, #text, p{  
    color:#206366  
}
```

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 #206366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #206366
}
```

Border

The CSS property to change the border of an element to Hex 206366 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
#206366 }
```

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

```
.border{ border-color:#206366 }
```

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

Here you see how a box with a 4 pixel #206366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #206366; -webkit-box-shadow:4px 4px  
4px 4px #206366; box-shadow:4px 4px 4px  
4px #206366 }
```

Background

The CSS property to change the background color of an element to Hex 206366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#206366 }
```

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

```
.background{ background-color:#206366 }
```

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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