

Converting Colors

Hex(206A75)

Have a look what the booklet for
Hex(206A75) contains.

Hex(206A75)	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(206A75)

Conversions

Conversions Part 1

Format	Color
Hex	206A75
RGB	32, 106, 117
RGB Percent	13%, 42%, 46%
CMY	0.8745, 0.5843, 0.5412
CMYK	0.73, 0.09, 0.00, 0.54
HSL	188°, 57%, 29%
HSV	188°, 73%, 46%
XYZ	8.9606, 11.8995, 18.6542
YIQ	85.1280, -47.6350, -12.2670

Conversions

Conversions Part 2

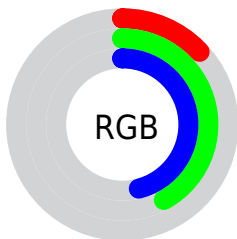
Format	Color
RYB	32, 72, 117
Decimal	2124405
CIELab	41.06, -18.37, -12.71
CIELCh	41, 22.335, 214.678
Yxy	11.8995, 0.2268, 0.3011
Android (android.graphics.Color)	4280314485 (0xFF206A75)
YUV	85.1280, 15.7129, -46.5933
Hunter-Lab	34.4957, -14.0003, -7.9152

Details

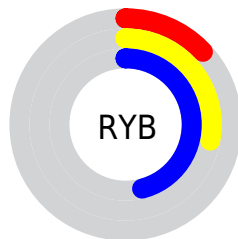
The Hex color **206A75** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **752B20**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **5A9EA9**, and **003A45** is the 20% darker color. If you saturate the color by 10%, you get **146875**, and if you desaturate by 10%, it is **2C6C75**.

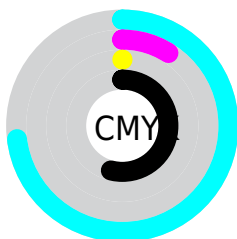
Distribution



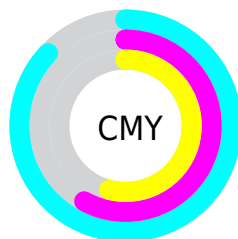
- Red (13%)
- Green (42%)
- Blue (46%)



- Red (13%)
- Yellow (28%)
- Blue (46%)



- Cyan (73%)
- Magenta (9%)
- Yellow (0%)
- Black (54%)



- Cyan (87%)
- Magenta (58%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 206A75 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 206A75 by changing the saturation by 10% instead.

■ 206A75

■ 206A75

FFFFFF

■ 00525C

■ 5A9EA9

■ 003A45

■ 75B9C4

■ 00242F

■ 90D4E0

■ 00091A

■ ACF1FD

■ 000000

■ C9FFFF

■ E6FFFF

■ 206A75

■ 206A75

■ 146875

■ 2C6C75

096775

376D75

006675

436F75

4F7075

5B7275

667375

727575

7E7675

897875

Harmonies

Analogous

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



2B6B63



206A75



306781

Triad

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



206A75



7A5571



6B613C

Complementary

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



206A75



752B20

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.



7A5A40



206A75



84535F

Square

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



206A75



675B7F



84554D



576642

Rectangle

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



206A75



436485



84554D



705F3C

Sweetspot

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



206A75



779599



20752A



394A4D



CCCCCC



4D4D4D

Same Dimension

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



206A75



148899



204175



353A3B



006B7A



00DAFA

Inverse Universe

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



75206A



991488



755420



3B353A



7A006B



FA00DA

Previews

White Background



This preview shows how the Hex color 206A75 looks on a white background.

Color Contrast Check

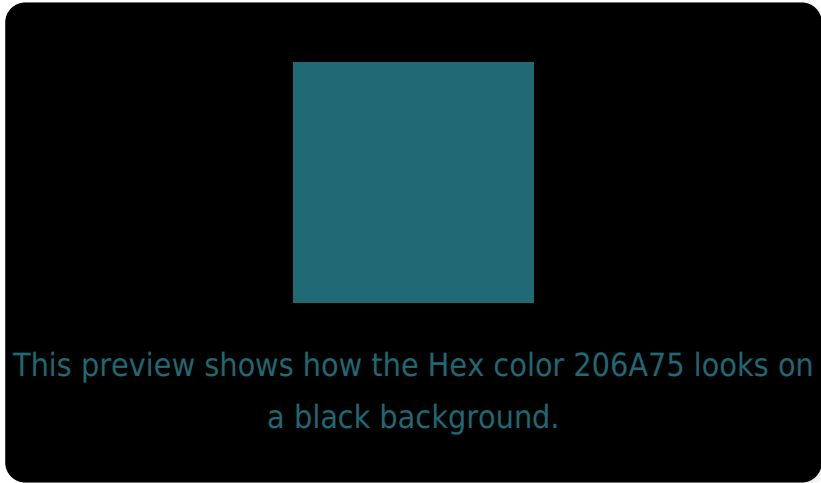
Large Text (above 18pt) WCAG AA ✓ Pass

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

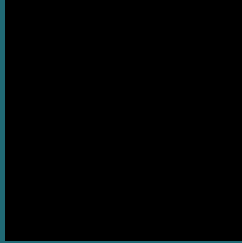
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

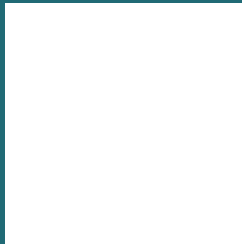
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 206A75 Background



This preview shows how black text looks on a background with the Hex color 206A75.




This preview shows how white text looks on a background with the Hex color 206A75.

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](#).

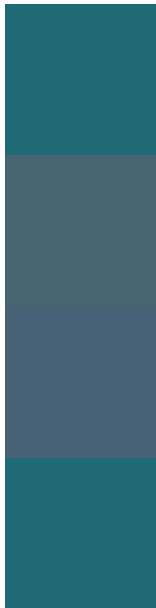
Dichromacy





Tritanopia
1F6A73

Trichromacy



Original Color
206A75

Protanomaly
476471

Deuteranomaly
476277

Tritanomaly
1F6A74

Monochromacy



Original Color
206A75

Achromatopsia
555555

Achromatomaly
425D61

CSS Examples

Text

The CSS property to change the color of the text to Hex 206A75 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 #206A75 looks like.

```
.text, #text, p{  
    color:#206A75  
}
```

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 #206A75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #206A75
}
```

Border

The CSS property to change the border of an element to Hex 206A75 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
#206A75 }
```

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

```
.border{ border-color:#206A75 }
```

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

Here you see how a box with a 4 pixel #206A75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #206A75; -webkit-box-shadow:4px 4px  
4px 4px #206A75; box-shadow:4px 4px 4px  
4px #206A75 }
```

Background

The CSS property to change the background color of an element to Hex 206A75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#206A75 }
```

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

```
.background{ background-color:#206A75 }
```

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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