

Converting Colors

Hex(206A3B)

Have a look what the booklet for
Hex(206A3B) contains.

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Color

Hex(206A3B)

Conversions

Conversions Part 1

Format	Color
Hex	206A3B
RGB	32, 106, 59
RGB Percent	13%, 42%, 23%
CMY	0.8745, 0.5843, 0.7686
CMYK	0.70, 0.00, 0.44, 0.58
HSL	142°, 54%, 27%
HSV	142°, 70%, 42%
XYZ	6.5391, 10.9309, 5.9029
YIQ	78.5160, -29.0170, -30.3050

Conversions

Conversions Part 2

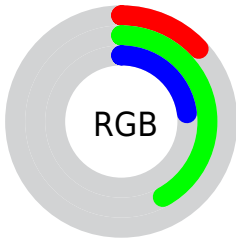
Format	Color
R_{YB}	32, 86, 106
Decimal	2124347
CIE _{Lab}	39.46, -34.19, 19.93
CIE _{LCh}	39, 39.576, 149.758
Yxy	10.9309, 0.2798, 0.4677
Android (android.graphics.Color)	4280314427 (0xFF206A3B)
YUV	78.5160, -9.6214, -40.7945
Hunter-Lab	33.0619, -22.5540, 12.5577

Details

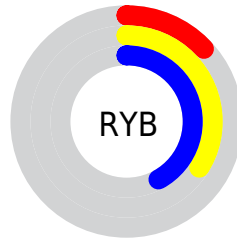
The Hex color **206A3B** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6A204F**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **569E6B**, and **003A0F** is the 20% darker color. If you saturate the color by 10%, you get **156A34**, and if you desaturate by 10%, it is **2B6A42**.

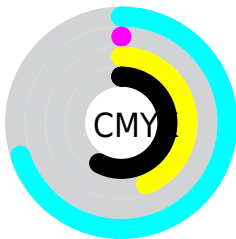
Distribution



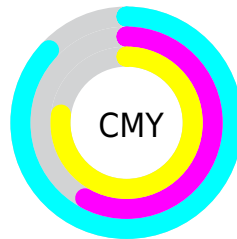
- Red (13%)
- Green (42%)
- Blue (23%)



- Red (13%)
- Yellow (34%)
- Blue (42%)



- Cyan (70%)
- Magenta (0%)
- Yellow (44%)
- Black (58%)



- Cyan (87%)
- Magenta (58%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 206A3B 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 206A3B by changing the saturation by 10% instead.

 206A3B

 206A3B

FFFFFF

 005125

 569E6B

 003A0F

 71B984

 002500

 8CD59F

 000000

 A7F2BA

 C3FFD5

 E0FFF2

 FDDFFF

 206A3B

 206A3B

■ 156A34

■ 2B6A42

■ 0B6A2E

■ 356A48

■ 006A27

■ 406A4F

■ 4A6A56

■ 556A5D

■ 606A63

■ 6A6A6A

■ 756A71

■ 7F6A78

Harmonies

Analogous

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



4E6421



206A3B



006D5C

Triad

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



206A3B



01619D



96433F

Complementary

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



206A3B



6A204F

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.



96405F



206A3B



5D5595

Square

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



206A3B



006994



84477E



884F25

Rectangle

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



206A3B



006D72



84477E



984149

Sweetspot

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



206A3B



6D8A77



506A20



34453A



C4C4C4



454545

Same Dimension

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



206A3B



168A40



206A5F



303632



00752B



00F559

Inverse Universe

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



6A204F



8A165F



6A202B



363034



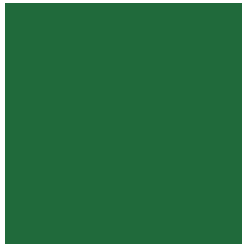
75004B



F5009B

Previews

White Background



This preview shows how the Hex color 206A3B looks on a white background.

Color Contrast Check

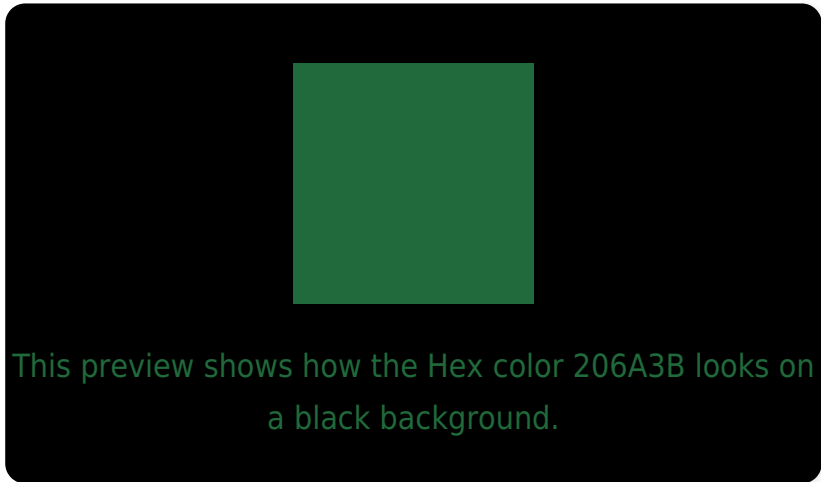
Large Text (above 18pt) WCAG AA ✓ Pass

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

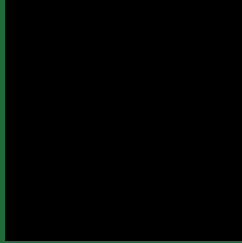
Any Text WCAG AA × Fail

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 206A3B Background



This preview shows how black text looks on a background with the Hex color 206A3B.



This preview shows how white text looks on a background with the Hex color 206A3B.

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



Original Color
206A3B

Protanopia
655D36

Deuteranopia
6F593F



Tritanopia
31646C

Trichromacy



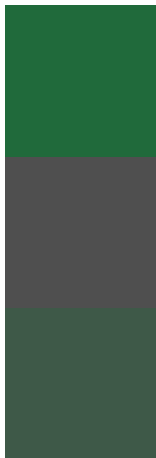
Original Color
206A3B

Protanomaly
4C6238

Deuteranomaly
525F3E

Tritanomaly
2B665A

Monochromacy



Original Color
206A3B

Achromatopsia
4F4F4F

Achromatomaly
3E5948

CSS Examples

Text

The CSS property to change the color of the text to Hex 206A3B 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 #206A3B looks like.

```
.text, #text, p{  
    color:#206A3B  
}
```

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 #206A3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #206A3B
}
```

Border

The CSS property to change the border of an element to Hex 206A3B 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
#206A3B }
```

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

```
.border{ border-color:#206A3B }
```

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

Here you see how a box with a 4 pixel #206A3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #206A3B; -webkit-box-shadow:4px 4px  
4px 4px #206A3B; box-shadow:4px 4px 4px  
4px #206A3B }
```

Background

The CSS property to change the background color of an element to Hex 206A3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#206A3B }
```

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

```
.background{ background-color:#206A3B }
```

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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