

Converting Colors

Hex(206944)

Have a look what the booklet for
Hex(206944) contains.

Hex(206944)	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(206944)

Conversions

Conversions Part 1

Format	Color
Hex	206944
RGB	32, 105, 68
RGB Percent	13%, 41%, 27%
CMY	0.8745, 0.5882, 0.7333
CMYK	0.70, 0.00, 0.35, 0.59
HSL	150°, 53%, 27%
HSV	150°, 70%, 41%
XYZ	6.6906, 10.8276, 7.2061
YIQ	78.9550, -31.6310, -26.9830

Conversions

Conversions Part 2

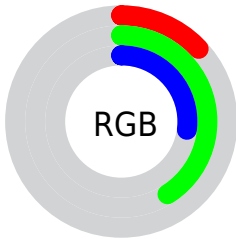
Format	Color
R_{YB}	32, 81, 105
Decimal	2124100
CIE _{Lab}	39.29, -31.86, 14.43
CIE _{LCh}	39, 34.977, 155.642
Yxy	10.8276, 0.2706, 0.4379
Android (android.graphics.Color)	4280314180 (0xFF206944)
YUV	78.9550, -5.4008, -41.1795
Hunter-Lab	32.9053, -21.2899, 10.0494

Details

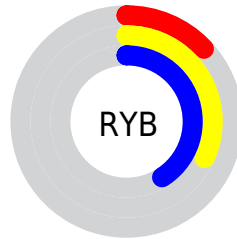
The Hex color **206944** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **692045**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **569D74**, and **003918** is the 20% darker color. If you saturate the color by 10%, you get **16693F**, and if you desaturate by 10%, it is **2B6949**.

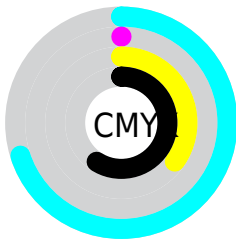
Distribution



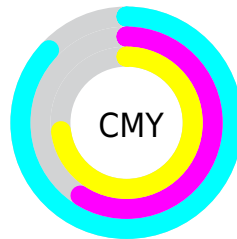
- Red (13%)
- Green (41%)
- Blue (27%)



- Red (13%)
- Yellow (32%)
- Blue (41%)



- Cyan (70%)
- Magenta (0%)
- Yellow (35%)
- Black (59%)



- Cyan (87%)
- Magenta (59%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 206944 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 206944 by changing the saturation by 10% instead.



206944



206944

FFFFFF



00502E



569D74



003918



70B88E



002400



8BD4A9



000000



A7F1C4



C3FFE0



DFFFC



FDFEFF



206944



206944

■ 16693F

■ 2B6949

■ 0B6939

■ 35694F

■ 016934

■ 406954

■ 006934

■ 4A6959

■ 55695F

■ 5F6964

■ 6A6969

■ 74696F

■ 7F6974

Harmonies

Analogous

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



4A642C



206944



006B61

Triad

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



206944



325E95



8F483D

Complementary

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



206944



692045

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.



914458



206944



66538B

Square

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



206944



006690



844875



7F5328

Rectangle

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



206944



006B74



844875



914646

Sweetspot

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



206944



6D8A7B



466920



34453C



C4C4C4



454545

Same Dimension

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



206944



178A50



206968



303633



00753A



00F579

Inverse Universe

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



692045



8A1751



692021



363033



75003B



F5007C

Previews

White Background



This preview shows how the Hex color 206944 looks on a white background.

Color Contrast Check

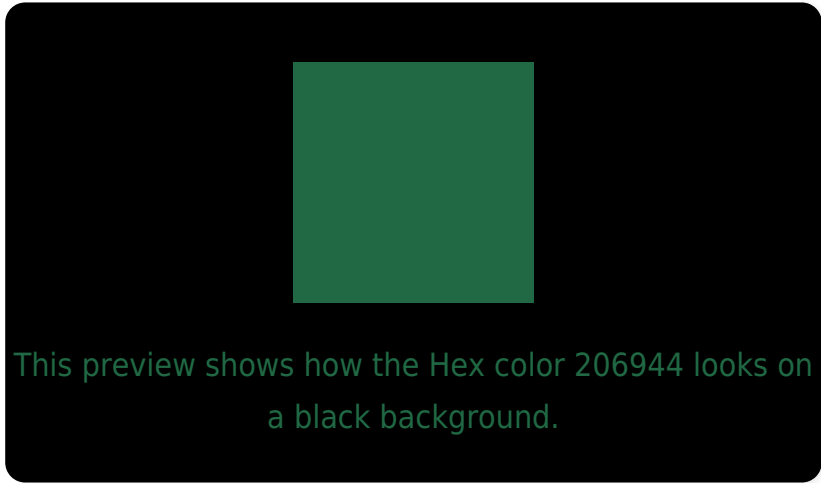
Large Text (above 18pt) WCAG AA ✓ Pass

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 206944 Background



This preview shows how black text looks on a background with the Hex color 206944.



This preview shows how white text looks on a background with the Hex color 206944.

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
206944

Protanopia
645C3F

Deuteranopia
6C5848



Tritanopia
2F646C

Trichromacy



Original Color
206944

Protanomaly
4B6141

Deuteranomaly
505E47

Tritanomaly
2A665D

Monochromacy



Original Color
206944

Achromatopsia
4F4F4F

Achromatomaly
3E584B

CSS Examples

Text

The CSS property to change the color of the text to Hex 206944 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 #206944 looks like.

```
.text, #text, p{  
    color:#206944  
}
```

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 #206944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #206944
}
```

Border

The CSS property to change the border of an element to Hex 206944 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
#206944 }
```

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

```
.border{ border-color:#206944 }
```

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

Here you see how a box with a 4 pixel #206944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #206944; -webkit-box-shadow:4px 4px  
4px 4px #206944; box-shadow:4px 4px 4px  
4px #206944 }
```

Background

The CSS property to change the background color of an element to Hex 206944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#206944 }
```

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

```
.background{ background-color:#206944 }
```

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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