

Converting Colors

Hex(207A48)

Have a look what the booklet for
Hex(207A48) contains.

Hex(207A48)	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(207A48)

Conversions

Conversions Part 1

Format	Color
Hex	207A48
RGB	32, 122, 72
RGB Percent	13%, 48%, 28%
CMY	0.8745, 0.5216, 0.7176
CMYK	0.74, 0.00, 0.41, 0.52
HSL	147°, 58%, 30%
HSV	147°, 74%, 48%
XYZ	8.7249, 14.6940, 8.5073
YIQ	89.3900, -37.5900, -34.6300

Conversions

Conversions Part 2

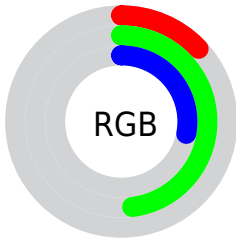
Format	Color
R_{YB}	32, 94, 122
Decimal	2128456
CIE _{Lab}	45.21, -38.30, 20.04
CIE _{LCh}	45, 43.220, 152.380
Yxy	14.6940, 0.2733, 0.4602
Android (android.graphics.Color)	4280318536 (0xFF207A48)
YUV	89.3900, -8.5733, -50.3310
Hunter-Lab	38.3328, -26.4541, 13.6746

Details

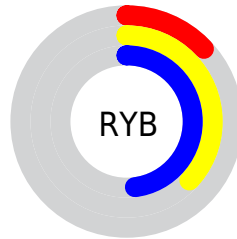
The Hex color **207A48** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7A2052**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **5AAF79**, and **00481B** is the 20% darker color. If you saturate the color by 10%, you get **147A41**, and if you desaturate by 10%, it is **2C7A4F**.

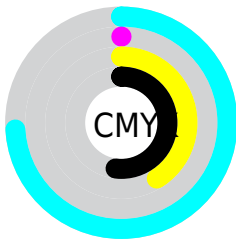
Distribution



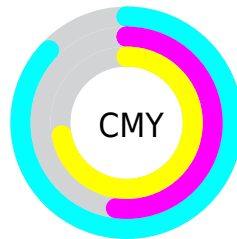
- Red (13%)
- Green (48%)
- Blue (28%)



- Red (13%)
- Yellow (37%)
- Blue (48%)



- Cyan (74%)
- Magenta (0%)
- Yellow (41%)
- Black (52%)



- Cyan (87%)
- Magenta (52%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 207A48 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 207A48 by changing the saturation by 10% instead.

 207A48

 207A48

FFFFFF

 006131

 5AAF79

 00481B

 75CB93

 003103

 91E7AE

 001B00

 ADFFC9

 000000

 C9FFE5

 E6FFFF

 207A48

 207A48

 147A41

 2C7A4F

■ 087A3A

■ 387A56

■ 007A36

■ 457A5C

■ 517A63

■ 5D7A6A

■ 697A71

■ 757A77

■ 827A7E

■ 8E7A85

Harmonies

Analogous

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



57742A



207A48



007D6D

Triad

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



207A48



1E6EB3



AA4F46

Complementary

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



207A48



7A2052

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.



AC4A6A



207A48



7060A8

Square

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



207A48



0077AA



99528D



995D2A

Rectangle

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



207A48



007C85



99528D



AD4C52

Sweetspot

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



207A48



7B9E8B



537A20



3A4F44



CFCFCF



4F4F4F

Same Dimension

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



207A48



119E50



207A74



373D3A



007D38



00FC70

Inverse Universe

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



7A2052



9E1160



7A2026



3D373A



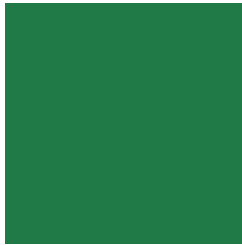
7D0045



FC008C

Previews

White Background



This preview shows how the Hex color 207A48 looks on a white background.

Color Contrast Check

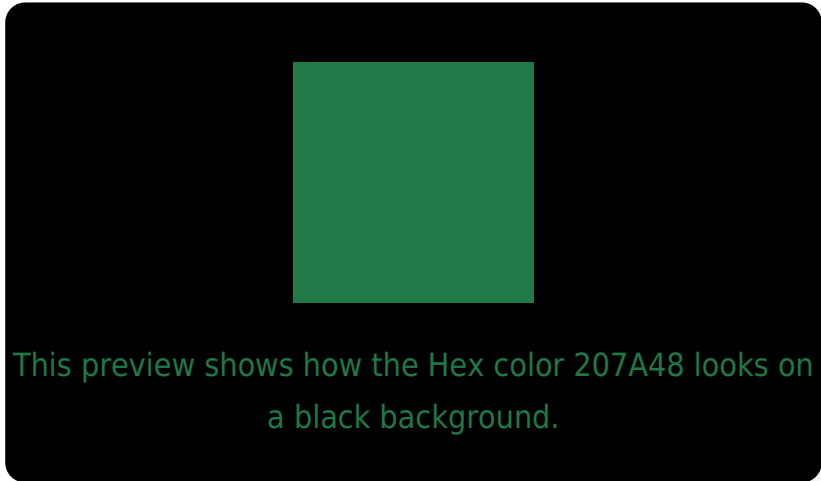
Large Text (above 18pt) WCAG AA ✓ Pass

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 207A48 Background



This preview shows how black text looks on a background with the Hex color 207A48.



This preview shows how white text looks on a background with the Hex color 207A48.

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
207A48

Protanopia
746A42

Deuteranopia
7E664D

Trichromacy



Original Color
207A48

Protanomaly
557044

Deuteranomaly
5C6D4B

Tritanomaly
2D766A

Monochromacy



Original Color
207A48

Achromatopsia
595959

Achromatomaly
446553

CSS Examples

Text

The CSS property to change the color of the text to Hex 207A48 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 #207A48 looks like.

```
.text, #text, p{  
    color:#207A48  
}
```

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 #207A48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #207A48
}
```

Border

The CSS property to change the border of an element to Hex 207A48 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
#207A48 }
```

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

```
.border{ border-color:#207A48 }
```

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

Here you see how a box with a 4 pixel #207A48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #207A48; -webkit-box-shadow:4px 4px  
4px 4px #207A48; box-shadow:4px 4px 4px  
4px #207A48 }
```

Background

The CSS property to change the background color of an element to Hex 207A48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#207A48 }
```

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

```
.background{ background-color:#207A48 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor