

Converting Colors

Hex(207D39)

Have a look what the booklet for
Hex(207D39) contains.

Hex(207D39)	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(207D39)

Conversions

Conversions Part 1

Format	Color
Hex	207D39
RGB	32, 125, 57
RGB Percent	13%, 49%, 22%
CMY	0.8745, 0.5098, 0.7765
CMYK	0.74, 0.00, 0.54, 0.51
HSL	136°, 59%, 31%
HSV	136°, 74%, 49%
XYZ	8.6678, 15.2697, 6.3614
YIQ	89.4410, -33.6000, -40.8640

Conversions

Conversions Part 2

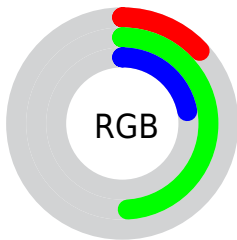
Format	Color
R_{YB}	32, 105, 125
Decimal	2129209
CIE _{Lab}	46.00, -42.19, 29.29
CIE _{LCh}	46, 51.362, 145.227
Yxy	15.2697, 0.2861, 0.5040
Android (android.graphics.Color)	4280319289 (0xFF207D39)
YUV	89.4410, -15.9934, -50.3758
Hunter-Lab	39.0765, -28.7896, 17.7015

Details

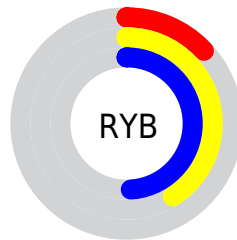
The Hex color **207D39** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7D2064**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **5BB36A**, and **004B0A** is the 20% darker color. If you saturate the color by 10%, you get **137D30**, and if you desaturate by 10%, it is **2D7D42**.

Distribution



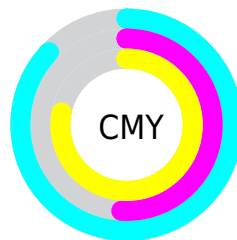
- Red (13%)
- Green (49%)
- Blue (22%)



- Red (13%)
- Yellow (41%)
- Blue (49%)



- Cyan (74%)
- Magenta (0%)
- Yellow (54%)
- Black (51%)



- Cyan (87%)
- Magenta (51%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 207D39 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 207D39 by changing the saturation by 10% instead.

 207D39

 207D39

FFFFFF

 006322

 5BB36A

 004B0A

 77CE83

 003300

 92EB9E

 001D00

 AEFFB9


 000000

 CBFFD5

 E8FFF1

 207D39

 207D39

 137D30

 2D7D42

■ 077D27

■ 397D4B

■ 007D22

■ 467D54

■ 527D5E

■ 5E7D67

■ 6B7D70

■ 777D79

■ 847D82

■ 917D8B

Harmonies

Analogous

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



5F7514



207D39



008164

Triad

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



207D39



0074C3



B9474B

Complementary

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



207D39



7D2064

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.



B64376



207D39



6064BB

Square

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



207D39



007DB3



9A519F



A85725

Rectangle

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



207D39



008182



9A519F



BA4359

Sweetspot

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



207D39



7FA389



647D20



3C5242



D1D1D1



525252

Same Dimension

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



207D39



12A339



207D67



39403B



008022



000000

Inverse Universe

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



7D2064



A3127C



7D2036



40393E



80005D



000000

Previews

White Background



This preview shows how the Hex color 207D39 looks on a white background.

Color Contrast Check

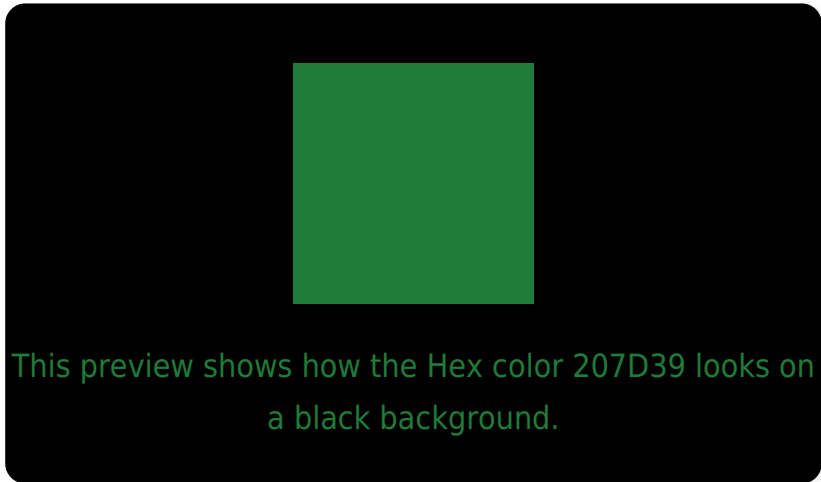
Large Text (above 18pt) WCAG AA ✓ Pass

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

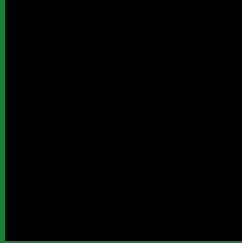
Any Text WCAG AA × Fail

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 207D39 Background



This preview shows how black text looks on a background with the Hex color 207D39.




This preview shows how white text looks on a background with the Hex color 207D39.

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
39767F

Trichromacy



Original Color
207D39



Protanomaly
587236



Deuteranomaly
606F3D



Tritanomaly
307966

Monochromacy



Original Color
207D39



Achromatopsia
595959



Achromatomaly
44664D

CSS Examples

Text

The CSS property to change the color of the text to Hex 207D39 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 #207D39 looks like.

```
.text, #text, p{  
    color:#207D39  
}
```

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 #207D39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #207D39
}
```

Border

The CSS property to change the border of an element to Hex 207D39 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
#207D39 }
```

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

```
.border{ border-color:#207D39 }
```

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

Here you see how a box with a 4 pixel #207D39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #207D39; -webkit-box-shadow:4px 4px  
4px 4px #207D39; box-shadow:4px 4px 4px  
4px #207D39 }
```

Background

The CSS property to change the background color of an element to Hex 207D39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#207D39 }
```

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

```
.background{ background-color:#207D39 }
```

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