

Converting Colors

Hex(207D34)

Have a look what the booklet for
Hex(207D34) contains.

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Color

Hex(207D34)

Conversions

Conversions Part 1

Format	Color
Hex	207D34
RGB	32, 125, 52
RGB Percent	13%, 49%, 20%
CMY	0.8745, 0.5098, 0.7961
CMYK	0.74, 0.00, 0.58, 0.51
HSL	133°, 59%, 31%
HSV	133°, 74%, 49%
XYZ	8.5491, 15.2222, 5.7364
YIQ	88.8710, -31.9950, -42.4190

Conversions

Conversions Part 2

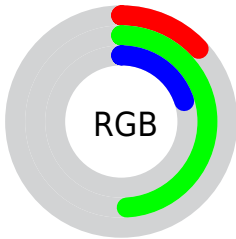
Format	Color
RYB	32, 109, 125
Decimal	2129204
CIELab	45.94, -42.94, 31.81
CIElCh	46, 53.444, 143.470
Yxy	15.2222, 0.2897, 0.5159
Android (android.graphics.Color)	4280319284 (0xFF207D34)
YUV	88.8710, -18.1774, -49.8759
Hunter-Lab	39.0157, -29.1646, 18.5937

Details

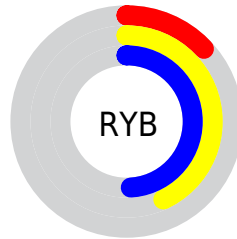
The Hex color **207D34** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7D2069**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **5BB365**, and **004B03** is the 20% darker color. If you saturate the color by 10%, you get **137D2A**, and if you desaturate by 10%, it is **2D7D3E**.

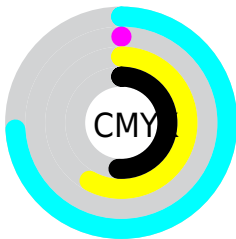
Distribution



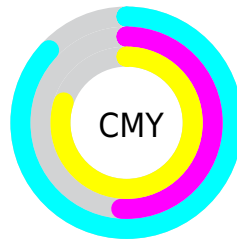
- Red (13%)
- Green (49%)
- Blue (20%)



- Red (13%)
- Yellow (43%)
- Blue (49%)



- Cyan (74%)
- Magenta (0%)
- Yellow (58%)
- Black (51%)



- Cyan (87%)
- Magenta (51%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 207D34 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 207D34 by changing the saturation by 10% instead.

 207D34

 207D34

FFFFFF

 00631C

 5BB365

 004B03

 77CE7E

 003300

 93EB99

 001D00

 AFFFB4

 000000

 CBFFD0

 E8FFEC

 207D34

 207D34

 137D2A

 2D7D3E

077D20

397D48

007D1B

467D51

527D5B

5E7D65

6B7D6F

777D79

847D82

917D8C

Harmonies

Analogous

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



61750A



207D34



008161

Triad

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



207D34



0075C6



BC434C

Complementary

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



207D34



7D2069

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.



B74179



207D34



5965BF

Square

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



207D34



007EB4



9951A3



AB5524

Rectangle

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



207D34



008280



9951A3



BD405B

Sweetspot

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



207D34



7FA387



6A7D20



3C5241



D1D1D1



525252

Same Dimension

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



207D34



12A331



207D61



39403B



00801B



000000

Inverse Universe

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



7D2069



A31284



7D203C



40393E



800064



000000

Previews

White Background



This preview shows how the Hex color 207D34 looks on a white background.

Color Contrast Check

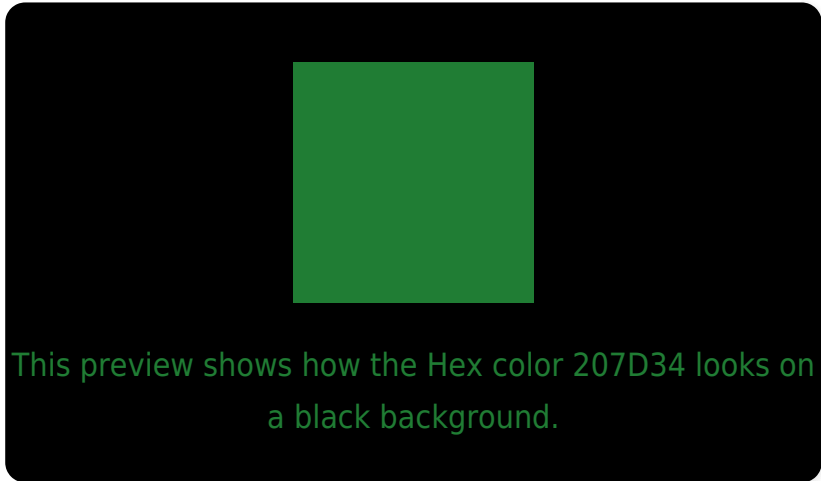
Large Text (above 18pt) WCAG AA ✓ Pass

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 207D34 Background



This preview shows how black text looks on a background with the Hex color 207D34.




This preview shows how white text looks on a background with the Hex color 207D34.

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
39757F

Trichromacy



Original Color
207D34



Protanomaly
587231



Deuteranomaly
606F38



Tritanomaly
307864

Monochromacy



Original Color
207D34



Achromatopsia
595959



Achromatomaly
44664C

CSS Examples

Text

The CSS property to change the color of the text to Hex 207D34 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 #207D34 looks like.

```
.text, #text, p{  
    color:#207D34  
}
```

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 #207D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #207D34
}
```

Border

The CSS property to change the border of an element to Hex 207D34 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
#207D34 }
```

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

```
.border{ border-color:#207D34 }
```

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

Here you see how a box with a 4 pixel #207D34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #207D34; -webkit-box-shadow:4px 4px  
4px 4px #207D34; box-shadow:4px 4px 4px  
4px #207D34 }
```

Background

The CSS property to change the background color of an element to Hex 207D34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#207D34 }
```

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

```
.background{ background-color:#207D34 }
```

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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