

Converting Colors

Hex(217F2B)

Have a look what the booklet for
Hex(217F2B) contains.

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Color

Hex(217F2B)

Conversions

Conversions Part 1

Format	Color
Hex	217F2B
RGB	33, 127, 43
RGB Percent	13%, 50%, 17%
CMY	0.8706, 0.5020, 0.8314
CMYK	0.74, 0.00, 0.66, 0.50
HSL	126°, 59%, 31%
HSV	126°, 74%, 50%
XYZ	8.6526, 15.6765, 4.8553
YIQ	89.3180, -29.0600, -46.0520

Conversions

Conversions Part 2

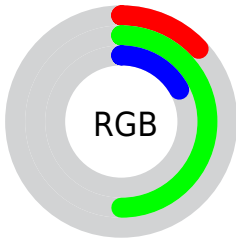
Format	Color
RYB	33, 118, 127
Decimal	2195243
CIELab	46.55, -44.67, 36.92
CIELCh	47, 57.954, 140.430
Yxy	15.6765, 0.2965, 0.5372
Android (android.graphics.Color)	4280385323 (0xFF217F2B)
YUV	89.3180, -22.8348, -49.3909
Hunter-Lab	39.5936, -30.2800, 20.4448

Details

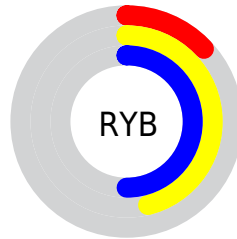
The Hex color **217F2B** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7F2175**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **5DB55C**, and **004C00** is the 20% darker color. If you saturate the color by 10%, you get **147F20**, and if you desaturate by 10%, it is **2E7F36**.

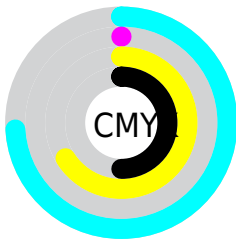
Distribution



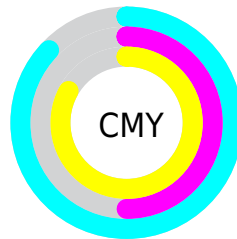
- Red (13%)
- Green (50%)
- Blue (17%)



- Red (13%)
- Yellow (46%)
- Blue (50%)



- Cyan (74%)
- Magenta (0%)
- Yellow (66%)
- Black (50%)



- Cyan (87%)
- Magenta (50%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 217F2B 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 217F2B by changing the saturation by 10% instead.

 217F2B

 217F2B

FFFFFF

 006512

 5DB55C

 004C00

 78D176

 003500

 94ED90


 001F00

 B1FFAB

 000000

 CDFFC7

 EBFEE3

 217F2B

 217F2B

 147F20

 2E7F36

■ 087F14

■ 3A7F42

■ 007F0E

■ 477F4D

■ 547F58

■ 617F64

■ 6D7F6F

■ 7A7F7A

■ 877F86

■ 937F91

Harmonies

Analogous

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



657600



217F2B



00835D

Triad

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



217F2B



0079CF



C43E4F

Complementary

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



217F2B



7F2175

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.



BD3D80



217F2B



4B68CA

Square

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



217F2B



0081B9



9951AD



B35123

Rectangle

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



217F2B



00847F



9951AD



C43A5F

Sweetspot

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



217F2B



81A685



767F21



3E5441



D4D4D4



545454

Same Dimension

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



217F2B



12A622



217F59



39403A



00800E



000000

Inverse Universe

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



7F2175



A61296



7F2147



40393F



800072



000000

Previews

White Background



This preview shows how the Hex color 217F2B looks on a white background.

Color Contrast Check

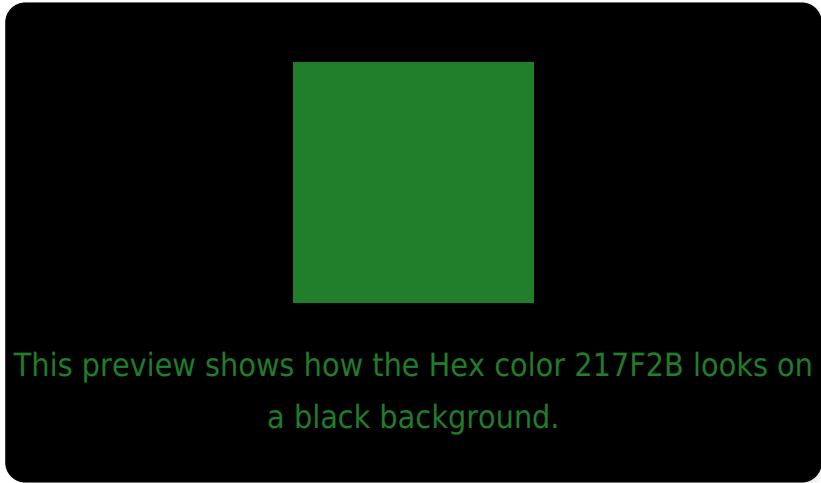
Large Text (above 18pt) WCAG AA ✓ Pass

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

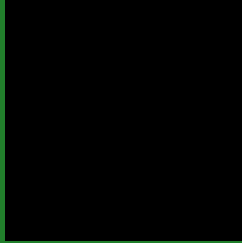
Any Text WCAG AA × Fail

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 217F2B Background



This preview shows how black text looks on a background with the Hex color 217F2B.



This preview shows how white text looks on a background with the Hex color 217F2B.

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
3B7780

Trichromacy



Original Color

217F2B



Protanomaly

5A7428



Deuteranomaly

63702F



Tritanomaly

327A61

Monochromacy



Original Color

217F2B



Achromatopsia

595959



Achromatomaly

456748

CSS Examples

Text

The CSS property to change the color of the text to Hex 217F2B 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 #217F2B looks like.

```
.text, #text, p{  
    color:#217F2B  
}
```

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 #217F2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #217F2B
}
```

Border

The CSS property to change the border of an element to Hex 217F2B 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
#217F2B }
```

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

```
.border{ border-color:#217F2B }
```

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

Here you see how a box with a 4 pixel #217F2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #217F2B; -webkit-box-shadow:4px 4px  
4px 4px #217F2B; box-shadow:4px 4px 4px  
4px #217F2B }
```

Background

The CSS property to change the background color of an element to Hex 217F2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#217F2B }
```

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

```
.background{ background-color:#217F2B }
```

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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