

Converting Colors

Hex(218D3B)

Have a look what the booklet for
Hex(218D3B) contains.

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Color

Hex(218D3B)

Conversions

Conversions Part 1

Format	Color
Hex	218D3B
RGB	33, 141, 59
RGB Percent	13%, 55%, 23%
CMY	0.8706, 0.4471, 0.7686
CMYK	0.77, 0.00, 0.58, 0.45
HSL	134°, 62%, 34%
HSV	134°, 77%, 55%
XYZ	10.9415, 19.6889, 7.3613
YIQ	99.3600, -38.0460, -48.3980

Conversions

Conversions Part 2

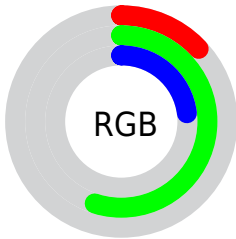
Format	Color
R_{YB}	33, 120, 141
Decimal	2198843
CIE _{Lab}	51.48, -47.65, 34.88
CIE _{LCh}	51, 59.048, 143.798
Yxy	19.6889, 0.2880, 0.5182
Android (android.graphics.Color)	4280388923 (0xFF218D3B)
YUV	99.3600, -19.8975, -58.1977
Hunter-Lab	44.3721, -33.6358, 21.2243

Details

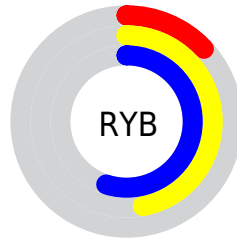
The Hex color **218D3B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8D2173**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **60C46D**, and **005908** is the 20% darker color. If you saturate the color by 10%, you get **138D30**, and if you desaturate by 10%, it is **2F8D46**.

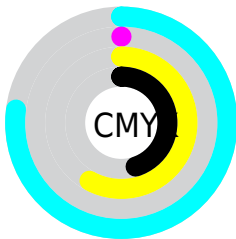
Distribution



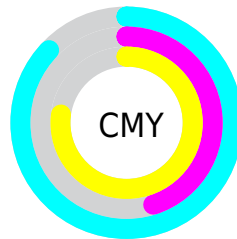
- Red (13%)
- Green (55%)
- Blue (23%)



- Red (13%)
- Yellow (47%)
- Blue (55%)



- Cyan (77%)
- Magenta (0%)
- Yellow (58%)
- Black (45%)



- Cyan (87%)
- Magenta (45%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 218D3B 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 218D3B by changing the saturation by 10% instead.

 218D3B

 218D3B

FFFFFF

 007323

 60C46D

 005908

 7CE087

 004100

 98FDA1

 002B00

 B5FFBD

 000A00

 D2FFD9

 000000

 F0FFF6

 218D3B

 218D3B

 138D30

 2F8D46

 058D26

 3D8D50

 008D22

 4B8D5B

 598D66

 688D71

 768D7B

 848D86

 928D91

 A08D9B

Harmonies

Analogous

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



6C8409



218D3B



00916E

Triad

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



218D3B



0084DF



D34C55

Complementary

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



218D3B



8D2173

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.



CF4887



218D3B



6572D8

Square

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



218D3B



008ECC



AD5AB7



C06028

Rectangle

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



218D3B



009291



AD5AB7



D54866

Sweetspot

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



218D3B



8DB898



748D21



425C48



DBDBDB



5C5C5C

Same Dimension

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



218D3B



0FB837



218D70



404742



008721



000802

Inverse Universe

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



8D2173



B80F8F



8D213E



474046



870067



080006

Previews

White Background



This preview shows how the Hex color 218D3B looks on a white background.

Color Contrast Check

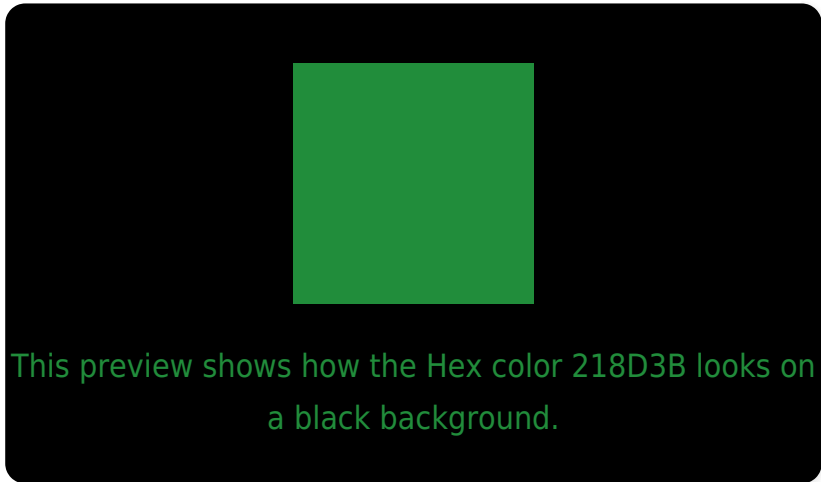
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

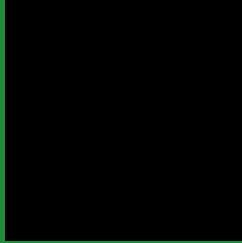
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 218D3B Background



This preview shows how black text looks on a background with the Hex color 218D3B.

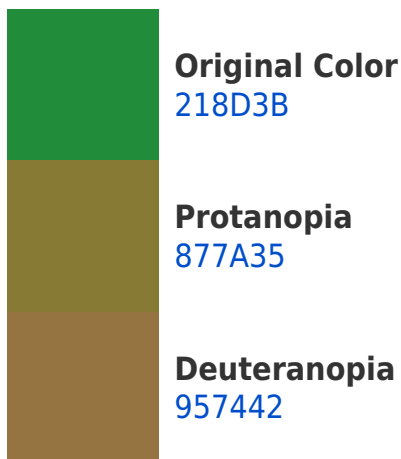


This preview shows how white text looks on a background with the Hex color 218D3B.

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](#).

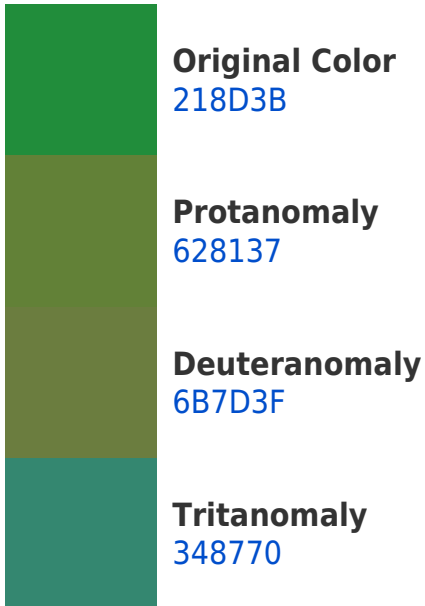
Dichromacy





Tritanopia
3F848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 218D3B 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 #218D3B looks like.

```
.text, #text, p{  
    color:#218D3B  
}
```

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 #218D3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #218D3B
}
```

Border

The CSS property to change the border of an element to Hex 218D3B 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
#218D3B }
```

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

```
.border{ border-color:#218D3B }
```

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

Here you see how a box with a 4 pixel #218D3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #218D3B; -webkit-box-shadow:4px 4px  
4px 4px #218D3B; box-shadow:4px 4px 4px  
4px #218D3B }
```

Background

The CSS property to change the background color of an element to Hex 218D3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#218D3B }
```

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

```
.background{ background-color:#218D3B }
```

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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