

Converting Colors

Hex(218B46)

Have a look what the booklet for
Hex(218B46) contains.

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Color

Hex(218B46)

Conversions

Conversions Part 1

Format	Color
Hex	218B46
RGB	33, 139, 70
RGB Percent	13%, 55%, 27%
CMY	0.8706, 0.4549, 0.7255
CMYK	0.76, 0.00, 0.50, 0.45
HSL	141°, 62%, 34%
HSV	141°, 76%, 55%
XYZ	10.9653, 19.2308, 8.9283
YIQ	99.4400, -41.0270, -43.9310

Conversions

Conversions Part 2

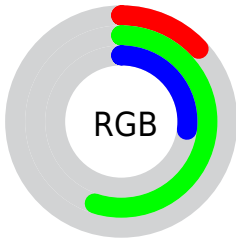
Format	Color
R_{YB}	33, 112, 139
Decimal	2198342
CIE _{Lab}	50.96, -45.20, 28.55
CIE _{LCh}	51, 53.461, 147.719
Yxy	19.2308, 0.2803, 0.4915
Android (android.graphics.Color)	4280388422 (0xFF218B46)
YUV	99.4400, -14.5139, -58.2679
Hunter-Lab	43.8529, -32.1091, 18.6257

Details

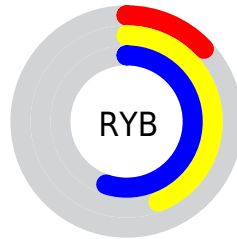
The Hex color **218B46** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8B2166**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5FC278**, and **005817** is the 20% darker color. If you saturate the color by 10%, you get **138B3D**, and if you desaturate by 10%, it is **2F8B4F**.

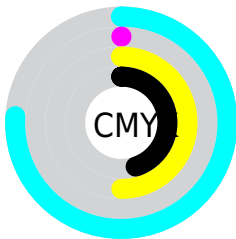
Distribution



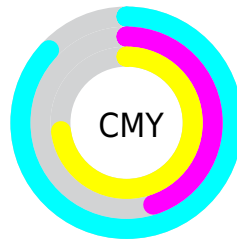
- Red (13%)
- Green (55%)
- Blue (27%)



- Red (13%)
- Yellow (44%)
- Blue (55%)



- Cyan (76%)
- Magenta (0%)
- Yellow (50%)
- Black (45%)



- Cyan (87%)
- Magenta (45%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 218B46 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 218B46 by changing the saturation by 10% instead.

 218B46

 218B46

FFFFFF

 00712E

 5FC278

 005817

 7BDE92

 003F00

 97FBAC

 002A00

 B4FFC8

 000700

 D1FFE4

 000000

 EEEFFF

 218B46

 218B46

 138B3D

 2F8B4F

 058B34

 3D8B58

 008B31

 4B8B61

 598B6A

 668B73

 748B7C

 828B85

 908B8E

 9E8B97

Harmonies

Analogous

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



67831F



218B46



008F74

Triad

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



218B46



0080D5



CA5352

Complementary

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



218B46



8B2166

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.



C84D7F



218B46



736FCB

Square

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



218B46



008AC6



AD5BAB



B6642B

Rectangle

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



218B46



008F94



AD5BAB



CC4F60

Sweetspot

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



218B46



8BB59A



688B21



425C4B



DBDBDB



5C5C5C

Same Dimension

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



218B46



0EB549



218B79



3E4540



00852E



000502

Inverse Universe

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



8B2166



B50E7B



8B2133



453E42



850056



050003

Previews

White Background



This preview shows how the Hex color 218B46 looks on a white background.

Color Contrast Check

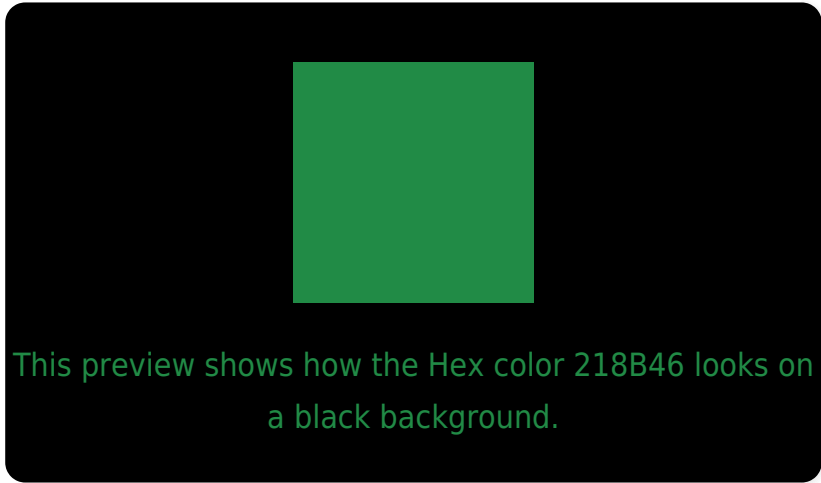
Large Text (above 18pt) WCAG AA ✓ Pass

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

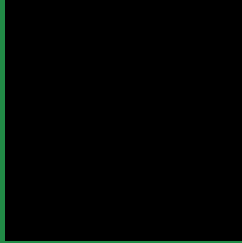
Any Text WCAG AA ✓ Pass

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 218B46 Background



This preview shows how black text looks on a background with the Hex color 218B46.



This preview shows how white text looks on a background with the Hex color 218B46.

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](#).

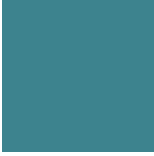
Dichromacy



Original Color
218B46

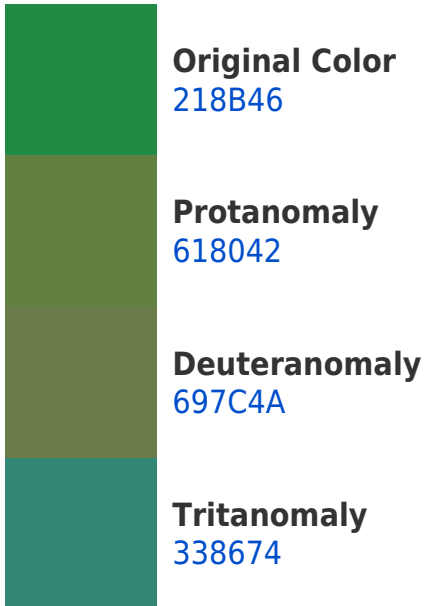
Protanopia
857940

Deuteranopia
92734C



Tritanopia
3D838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 218B46 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 #218B46 looks like.

```
.text, #text, p{  
    color:#218B46  
}
```

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 #218B46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #218B46
}
```

Border

The CSS property to change the border of an element to Hex 218B46 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
#218B46 }
```

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

```
.border{ border-color:#218B46 }
```

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

Here you see how a box with a 4 pixel #218B46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #218B46; -webkit-box-shadow:4px 4px  
4px 4px #218B46; box-shadow:4px 4px 4px  
4px #218B46 }
```

Background

The CSS property to change the background color of an element to Hex 218B46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#218B46 }
```

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

```
.background{ background-color:#218B46 }
```

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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