

Converting Colors

Hex(218E32)

Have a look what the booklet for
Hex(218E32) contains.

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Color

Hex(218E32)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 218E32 |
| RGB | 33, 142, 50 |
| RGB Percent | 13%, 56%, 20% |
| CMY | 0.8706, 0.4431, 0.8039 |
| CMYK | 0.77, 0.00, 0.65, 0.44 |
| HSL | 129°, 62%, 34% |
| HSV | 129°, 77%, 56% |
| XYZ | 10.8759, 19.8996, 6.2854 |
| YIQ | 98.9210, -35.4320, -51.7200 |

Conversions

Conversions Part 2

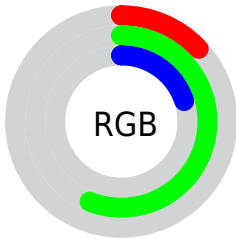
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 33, 127, 142 |
| Decimal | 2199090 |
| CIE _{Lab} | 51.72, -49.17, 39.47 |
| CIE _{LCh} | 52, 63.051, 141.245 |
| Yxy | 19.8996, 0.2935, 0.5369 |
| Android (android.graphics.Color) | 4280389170 (0xFF218E32) |
| YUV | 98.9210, -24.1181, -57.8127 |
| Hunter-Lab | 44.6090, -34.5464, 22.8723 |

Details

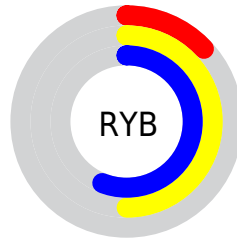
The Hex color **218E32** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8E217D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **60C564**, and **005A00** is the 20% darker color. If you saturate the color by 10%, you get **138E26**, and if you desaturate by 10%, it is **2F8E3E**.

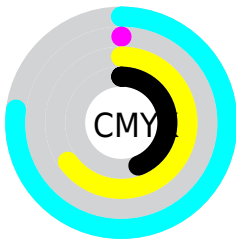
Distribution



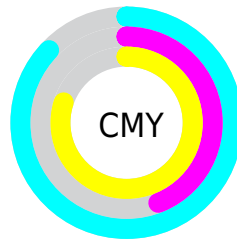
- Red (13%)
- Green (56%)
- Blue (20%)



- Red (13%)
- Yellow (50%)
- Blue (56%)



- Cyan (77%)
- Magenta (0%)
- Yellow (65%)
- Black (44%)



- Cyan (87%)
- Magenta (44%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 218E32 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 218E32 by changing the saturation by 10% instead.



218E32



218E32

FFFFFF



007418



60C564



005A00



7DE17E



004200



99FE99



002C00



B6FFB4



000C00



D3FFD0



000000



F1FFED



218E32



218E32



138E26



2F8E3E

■ 058E1A

■ 3D8E4A

■ 008E16

■ 4C8E56

■ 5A8E62

■ 688E6E

■ 768E7A

■ 848E86

■ 938E92

■ A18E9E

Harmonies

Analogous

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



708400



218E32



009369

Triad

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



218E32



0086E6



DA4558

Complementary

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



218E32



8E217D

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.



D3448E



218E32



5774E1

Square

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



218E32



0090CF



AC5AC0



C75C26

Rectangle

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



218E32



00948F



AC5AC0



DB4169

Sweetspot

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



218E32



8DB894



7E8E21



425C46



DBDBDB



5C5C5C

Same Dimension

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



218E32



0FB829



218E68



404741



008715



000801

Inverse Universe

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



8E217D



B80F9D



8E2147



474046



870072



080006

Previews

White Background



This preview shows how the Hex color 218E32 looks on a white background.

Color Contrast Check

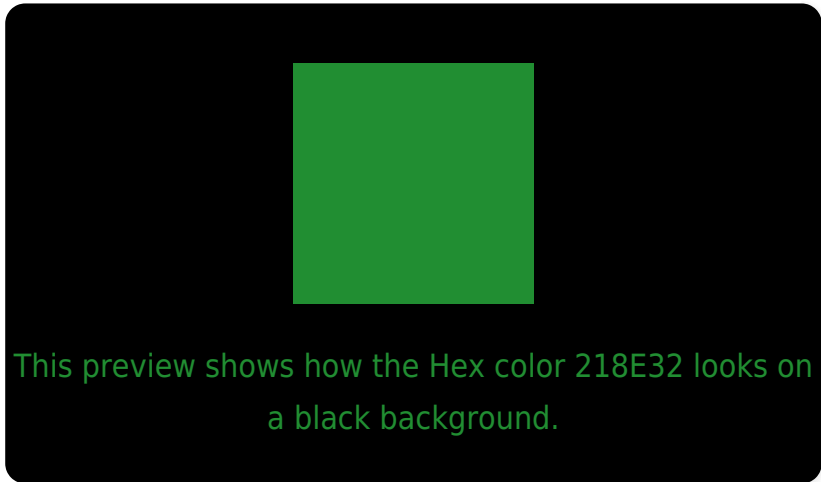
Large Text (above 18pt) WCAG AA ✓ Pass

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

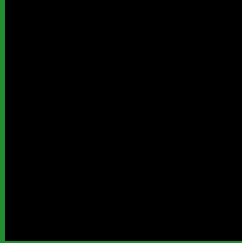
Any Text WCAG AA ✓ Pass

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 218E32 Background



This preview shows how black text looks on a background with the Hex color 218E32.



This preview shows how white text looks on a background with the Hex color 218E32.

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
218E32

Protanopia
897B2D

Deuteranopia
97753A



Tritanopia
408590

Trichromacy



Original Color
218E32



Protanomaly
63822F



Deuteranomaly
6C7E37



Tritanomaly
35886E

Monochromacy



Original Color
218E32



Achromatopsia
636363



Achromatomaly
4B7351

CSS Examples

Text

The CSS property to change the color of the text to Hex 218E32 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 #218E32 looks like.

```
.text, #text, p{  
    color:#218E32  
}
```

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 #218E32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #218E32
}
```

Border

The CSS property to change the border of an element to Hex 218E32 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
#218E32 }
```

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

```
.border{ border-color:#218E32 }
```

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

Here you see how a box with a 4 pixel #218E32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #218E32; -webkit-box-shadow:4px 4px  
4px 4px #218E32; box-shadow:4px 4px 4px  
4px #218E32 }
```

Background

The CSS property to change the background color of an element to Hex 218E32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#218E32 }
```

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

```
.background{ background-color:#218E32 }
```

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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