

Converting Colors

Hex(208E2A)

Have a look what the booklet for
Hex(208E2A) contains.

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Color

Hex(208E2A)

Conversions

Conversions Part 1

Format	Color
Hex	208E2A
RGB	32, 142, 42
RGB Percent	13%, 56%, 16%
CMY	0.8745, 0.4431, 0.8353
CMYK	0.77, 0.00, 0.70, 0.44
HSL	125°, 63%, 34%
HSV	125°, 77%, 56%
XYZ	10.6866, 19.8202, 5.4529
YIQ	97.7100, -33.4600, -54.4200

Conversions

Conversions Part 2

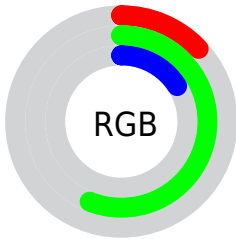
Format	Color
R_{YB}	32, 133, 142
Decimal	2133546
CIE _{Lab}	51.63, -50.20, 42.89
CIE _{LCh}	52, 66.025, 139.489
Yxy	19.8202, 0.2972, 0.5512
Android (android.graphics.Color)	4280323626 (0xFF208E2A)
YUV	97.7100, -27.4650, -57.6277
Hunter-Lab	44.5199, -35.0627, 23.9019

Details

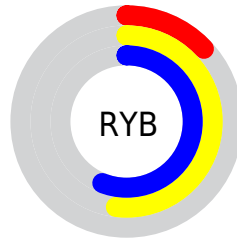
The Hex color **208E2A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8E2084**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **60C55D**, and **005A00** is the 20% darker color. If you saturate the color by 10%, you get **128E1D**, and if you desaturate by 10%, it is **2E8E37**.

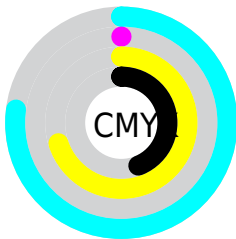
Distribution



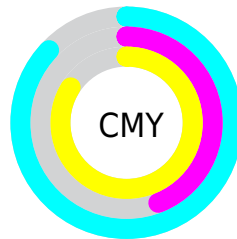
- Red (13%)
- Green (56%)
- Blue (16%)



- Red (13%)
- Yellow (52%)
- Blue (56%)



- Cyan (77%)
- Magenta (0%)
- Yellow (70%)
- Black (44%)



- Cyan (87%)
- Magenta (44%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 208E2A 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 208E2A by changing the saturation by 10% instead.

 208E2A

 208E2A

FFFFFF

 00740D

 60C55D

 005A00

 7DE177

 004200

 99FE91

 002C00

 B6FFAD

 000B00

 D3FFC9

 000000

 F1FFE5

 208E2A

 208E2A

 128E1D

 2E8E37

■ 048E10

■ 3C8E44

■ 008E0D

■ 4B8E51

■ 598E5E

■ 678E6B

■ 758E77

■ 838E84

■ 928E91

■ A08E9E

Harmonies

Analogous

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



728300



208E2A



009365

Triad

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



208E2A



0088EB



DE3F59

Complementary

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



208E2A



8E2084

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.



D53F91



208E2A



4975E7

Square

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



208E2A



0091D0



AA59C5



CB5824

Rectangle

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



208E2A



00948C



AA59C5



DE3B6C

Sweetspot

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



208E2A



8DB891



858E20



425C44



DBDBDB



5C5C5C

Same Dimension

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



208E2A



0DB81C



208E60



404741



00870C



000801

Inverse Universe

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



8E2084



B80DA8



8E204E



474047



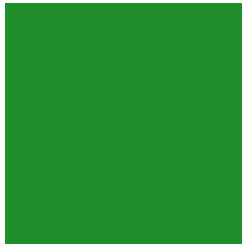
87007B



080007

Previews

White Background



This preview shows how the Hex color 208E2A looks on a white background.

Color Contrast Check

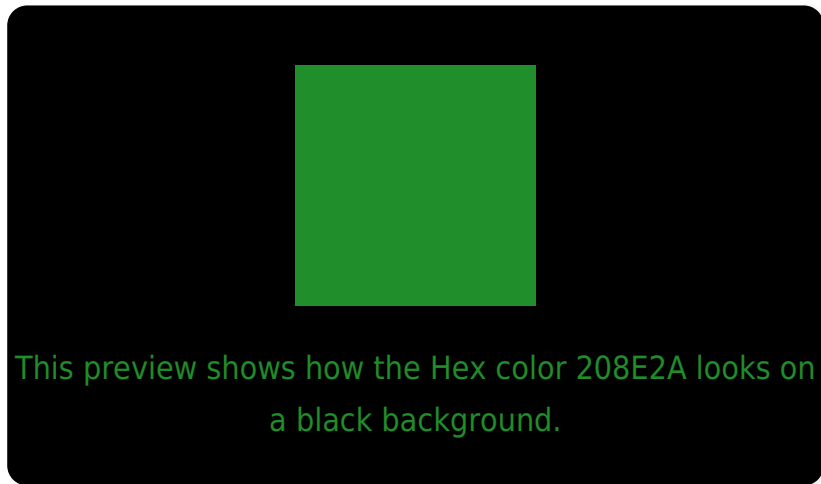
Large Text (above 18pt) WCAG AA ✓ Pass

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 208E2A Background



This preview shows how black text looks on a background with the Hex color 208E2A.




This preview shows how white text looks on a background with the Hex color 208E2A.

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
41858F

Trichromacy



Original Color
208E2A



Protanomaly
638227



Deuteranomaly
6C7D30



Tritanomaly
35886A

Monochromacy



Original Color
208E2A



Achromatopsia
626262



Achromatomaly
4A724E

CSS Examples

Text

The CSS property to change the color of the text to Hex 208E2A 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 #208E2A looks like.

```
.text, #text, p{  
    color:#208E2A  
}
```

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 #208E2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #208E2A
}
```

Border

The CSS property to change the border of an element to Hex 208E2A 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
#208E2A }
```

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

```
.border{ border-color:#208E2A }
```

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

Here you see how a box with a 4 pixel #208E2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #208E2A; -webkit-box-shadow:4px 4px  
4px 4px #208E2A; box-shadow:4px 4px 4px  
4px #208E2A }
```

Background

The CSS property to change the background color of an element to Hex 208E2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#208E2A }
```

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

```
.background{ background-color:#208E2A }
```

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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