

Converting Colors

Hex(209B20)

Have a look what the booklet for
Hex(209B20) contains.

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Color

Hex(209B20)

Conversions

Conversions Part 1

Format	Color
Hex	209B20
RGB	32, 155, 32
RGB Percent	13%, 61%, 13%
CMY	0.8745, 0.3922, 0.8745
CMYK	0.79, 0.00, 0.79, 0.39
HSL	120°, 66%, 37%
HSV	120°, 79%, 61%
XYZ	12.5777, 23.8541, 5.3079
YIQ	104.2010, -33.8250, -64.3290

Conversions

Conversions Part 2

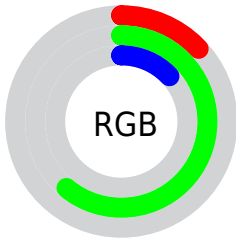
Format	Color
R_{YB}	32, 155, 155
Decimal	2136864
CIE _{Lab}	55.94, -55.30, 50.98
CIE _{LCh}	56, 75.209, 137.328
Yxy	23.8541, 0.3013, 0.5715
Android (android.graphics.Color)	4280326944 (0xFF209B20)
YUV	104.2010, -35.5951, -63.3203
Hunter-Lab	48.8406, -39.5027, 27.7449

Details

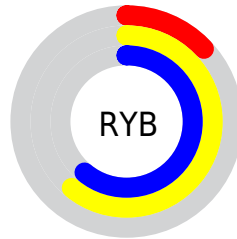
The Hex color **209B20** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9B209B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **64D356**, and **006600** is the 20% darker color. If you saturate the color by 10%, you get **109B10**, and if you desaturate by 10%, it is **2F9B2F**.

Distribution



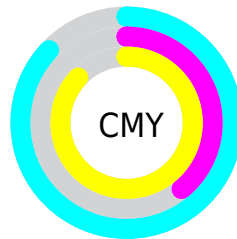
- Red (13%)
- Green (61%)
- Blue (13%)



- Red (13%)
- Yellow (61%)
- Blue (61%)



- Cyan (79%)
- Magenta (0%)
- Yellow (79%)
- Black (39%)



- Cyan (87%)
- Magenta (39%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 209B20 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 209B20 by changing the saturation by 10% instead.

 209B20

 209B20

FFFFFF

 008000

 64D356

 006600

 81EF71

 004D00

 9FFF8C

 003500

 BCFFA7

 001D00

 DAFFC3

 000000

 F8FFE0

 FFFFFD

 209B20

 209B20

■ 109B10

■ 2F9B2F

■ 019B01

■ 3F9B3F

■ 009B00

■ 4E9B4E

■ 5E9B5E

■ 6E9B6E

■ 7D9B7D

■ 8C9B8C

■ 9C9B9C

■ AB9BAB

Harmonies

Analogous

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



7E8F00



209B20



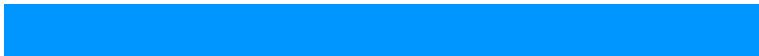
00A167

Triad

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



209B20



0096FF



F83B63

Complementary

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



209B20



9B209B

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.



EB3EA5



209B20



3081FF

Square

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



209B20



00A0E6



B761E0



E35A24

Rectangle

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



209B20



00A395



B761E0



F73679

Sweetspot

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



209B20



99C999



9B9B20



486648



E6E6E6



666666

Same Dimension

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



209B20



0AC90A



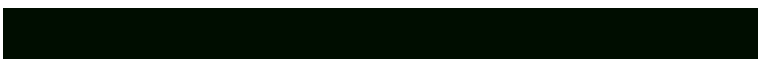
209B5E



454D45



008C00



000D00

Inverse Universe

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



9B209B



C90AC9



9B205E



4D454D



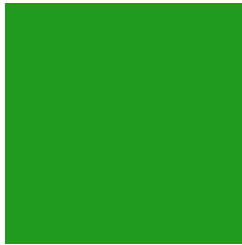
8C008C



0D000D

Previews

White Background



This preview shows how the Hex color 209B20 looks on a white background.

Color Contrast Check

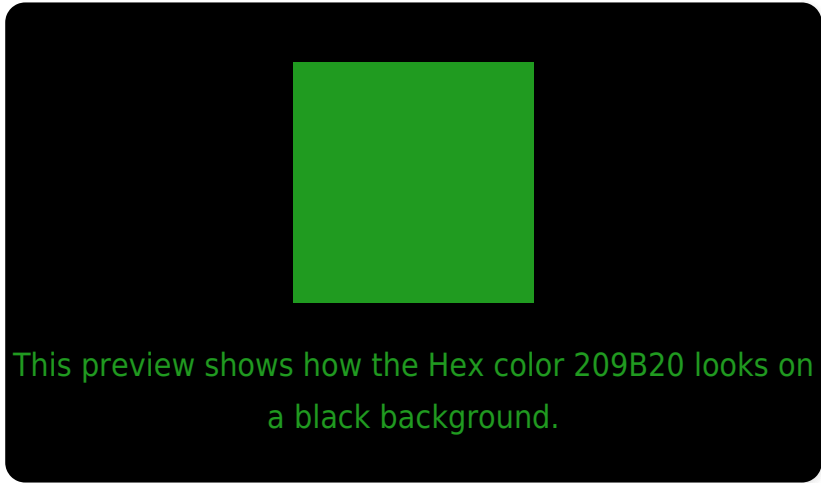
Large Text (above 18pt) WCAG AA ✓ Pass

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 209B20 Background



This preview shows how black text looks on a background with the Hex color 209B20.



This preview shows how white text looks on a background with the Hex color 209B20.

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
209B20

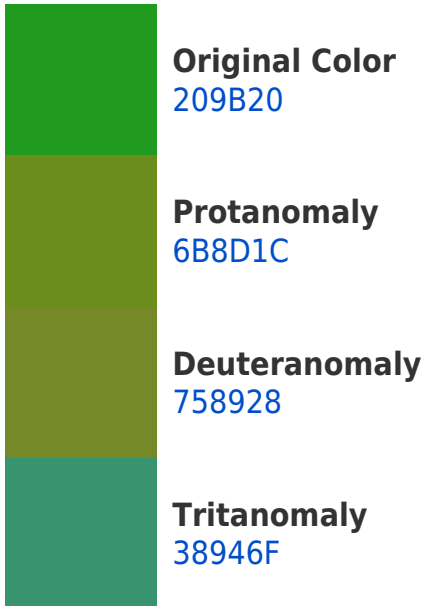
Protanopia
96851A

Deuteranopia
A67E2D



Tritanopia
46909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 209B20 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 #209B20 looks like.

```
.text, #text, p{  
    color:#209B20  
}
```

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 #209B20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #209B20
}
```

Border

The CSS property to change the border of an element to Hex 209B20 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
#209B20 }
```

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

```
.border{ border-color:#209B20 }
```

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

Here you see how a box with a 4 pixel #209B20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #209B20; -webkit-box-shadow:4px 4px  
4px 4px #209B20; box-shadow:4px 4px 4px  
4px #209B20 }
```

Background

The CSS property to change the background color of an element to Hex 209B20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#209B20 }
```

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

```
.background{ background-color:#209B20 }
```

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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