

Converting Colors

Hex(218323)

Have a look what the booklet for
Hex(218323) contains.

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Color

Hex(218323)

Conversions

Conversions Part 1

Format	Color
Hex	218323
RGB	33, 131, 35
RGB Percent	13%, 51%, 14%
CMY	0.8706, 0.4863, 0.8627
CMYK	0.75, 0.00, 0.73, 0.49
HSL	121°, 60%, 32%
HSV	121°, 75%, 51%
XYZ	9.0469, 16.6773, 4.3323
YIQ	90.7540, -27.5920, -50.6320

Conversions

Conversions Part 2

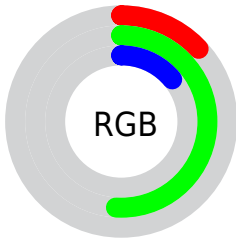
Format	Color
R_{YB}	33, 129, 131
Decimal	2196259
CIE _{Lab}	47.85, -46.93, 41.81
CIE _{LCh}	48, 62.850, 138.301
Yxy	16.6773, 0.3010, 0.5549
Android (android.graphics.Color)	4280386339 (0xFF218323)
YUV	90.7540, -27.4867, -50.6503
Hunter-Lab	40.8378, -31.9228, 22.2966

Details

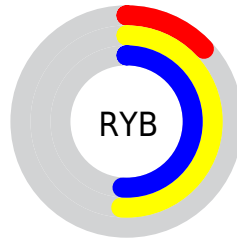
The Hex color **218323** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **832181**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5EB956**, and **005000** is the 20% darker color. If you saturate the color by 10%, you get **148316**, and if you desaturate by 10%, it is **2E8330**.

Distribution



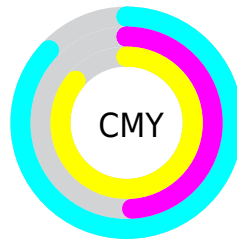
- Red (13%)
- Green (51%)
- Blue (14%)



- Red (13%)
- Yellow (51%)
- Blue (51%)



- Cyan (75%)
- Magenta (0%)
- Yellow (73%)
- Black (49%)



- Cyan (87%)
- Magenta (49%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 218323 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 218323 by changing the saturation by 10% instead.

 218323

 218323

FFFFFF

 006905

 5EB956

 005000

 7AD56F

 003800

 96F28A

 002200

 B3FFA5

 000000

 D0FFC0

 EDFFDD

 FFFFFA

 218323

 218323

■ 148316

■ 2E8330

■ 078309

■ 3B833D

■ 008303

■ 488349

■ 558356

■ 628363

■ 708370

■ 7D837D

■ 8A838A

■ 978396

Harmonies

Analogous

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



6B7900



218323



00885A

Triad

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



218323



007EDA



CE3954

Complementary

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



218323



832181

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.



C53A89



218323



3B6CD7

Square

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



218323



0087C0



9B53B9



BD5022

Rectangle

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



218323



00897F



9B53B9



CE3565

Sweetspot

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



218323



85AB86



818321



405741



D6D6D6



575757

Same Dimension

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



218323



11AB14



218354



3C423C



008203



000300

Inverse Universe

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



832181



AB11A8



832150



423C42



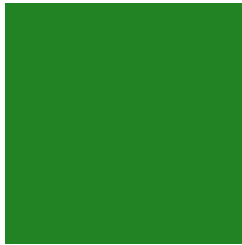
82007F



030002

Previews

White Background



This preview shows how the Hex color 218323 looks on a white background.

Color Contrast Check

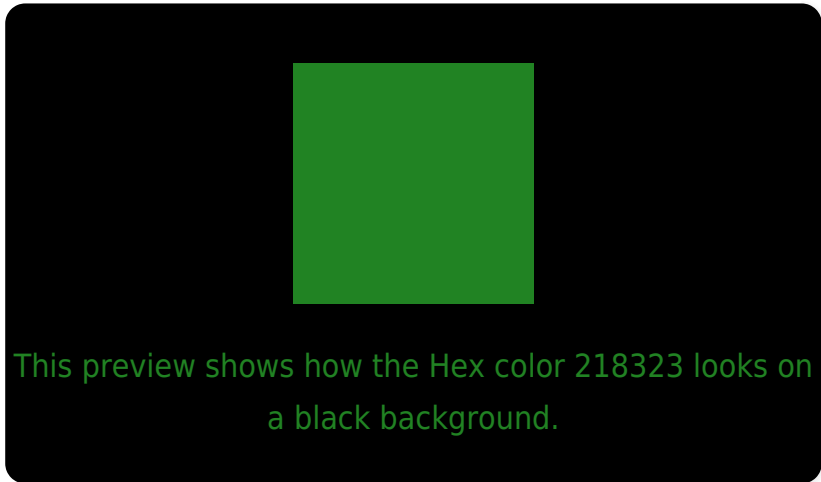
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

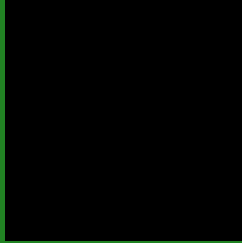
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 218323 Background



This preview shows how black text looks on a background with the Hex color 218323.



This preview shows how white text looks on a background with the Hex color 218323.

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
218323

Protanopia
7F711E

Deuteranopia
8D6B2C



Tritanopia
3E7A84

Trichromacy



Original Color
218323



Protanomaly
5D7820



Deuteranomaly
667429



Tritanomaly
337D61

Monochromacy



Original Color
218323



Achromatopsia
5B5B5B



Achromatomaly
466A47

CSS Examples

Text

The CSS property to change the color of the text to Hex 218323 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 #218323 looks like.

```
.text, #text, p{  
    color:#218323  
}
```

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 #218323 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #218323
}
```

Border

The CSS property to change the border of an element to Hex 218323 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
#218323 }
```

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

```
.border{ border-color:#218323 }
```

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

Here you see how a box with a 4 pixel #218323 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #218323; -webkit-box-shadow:4px 4px  
4px 4px #218323; box-shadow:4px 4px 4px  
4px #218323 }
```

Background

The CSS property to change the background color of an element to Hex 218323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#218323 }
```

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

```
.background{ background-color:#218323 }
```

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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