

Converting Colors

Hex(248120)

Have a look what the booklet for
Hex(248120) contains.

Hex(248120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(248120)

Conversions

Conversions Part 1

Format	Color
Hex	248120
RGB	36, 129, 32
RGB Percent	14%, 51%, 13%
CMY	0.8588, 0.4941, 0.8745
CMYK	0.72, 0.00, 0.75, 0.49
HSL	118°, 60%, 32%
HSV	118°, 75%, 51%
XYZ	8.8385, 16.1799, 4.0237
YIQ	90.1350, -24.2910, -49.8830

Conversions

Conversions Part 2

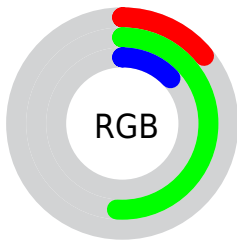
Format	Color
R_{YB}	32, 129, 125
Decimal	2392352
CIE _{Lab}	47.21, -45.93, 42.37
CIE _{LCh}	47, 62.485, 137.312
Yxy	16.1799, 0.3043, 0.5571
Android (android.graphics.Color)	4280582432 (0xFF248120)
YUV	90.1350, -28.6606, -47.4764
Hunter-Lab	40.2242, -31.1703, 22.2261

Details

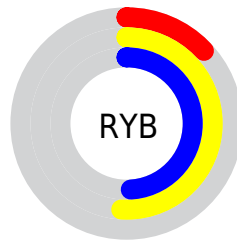
The Hex color **248120** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7D2081**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **60B753**, and **004E00** is the 20% darker color. If you saturate the color by 10%, you get **188113**, and if you desaturate by 10%, it is **30812D**.

Distribution



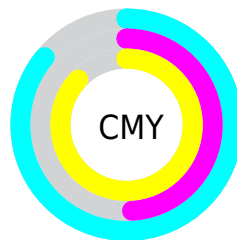
- Red (14%)
- Green (51%)
- Blue (13%)



- Red (13%)
- Yellow (51%)
- Blue (49%)



- Cyan (72%)
- Magenta (0%)
- Yellow (75%)
- Black (49%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 248120 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 248120 by changing the saturation by 10% instead.

 248120

 248120

FFFFFF

 006701

 60B753

 004E00

 7CD36D

 003600

 98F087

 002100

 B4FFA2

 000000

 D1FFBD

 EEFFDA

 FFFFF7

 248120

 248120

■ 188113

■ 30812D

■ 0B8106

■ 3D813A

■ 058100

■ 498147

■ 558154

■ 628161

■ 6E816D

■ 7B817A

■ 878187

■ 938194

Harmonies

Analogous

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



6B7700



248120



008657

Triad

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



248120



007DD7



CC3754

Complementary

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



248120



7D2081

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.



C23989



248120



336CD5

Square

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



248120



0085BD



9752B8



BC4D22

Rectangle

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



248120



00877C



9752B8



CC3465

Sweetspot

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



248120



83A882



817C20



3E543D



D4D4D4



545454

Same Dimension

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



248120



17A811



20814C



3A4039



058000



000000

Inverse Universe

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



7D2081



A211A8



812055



3F3940



7A0080



000000

Previews

White Background



This preview shows how the Hex color 248120 looks on a white background.

Color Contrast Check

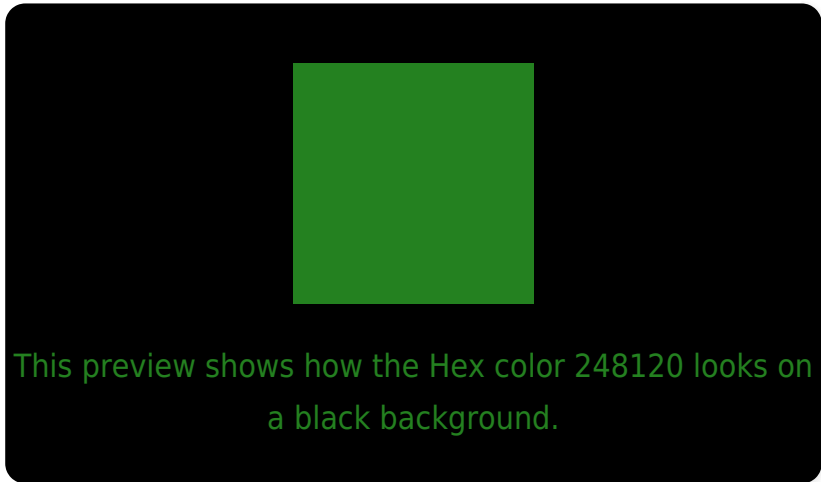
Large Text (above 18pt) WCAG AA ✓ Pass

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

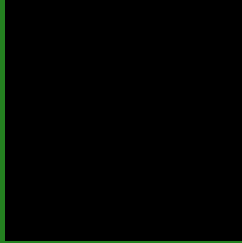
Any Text WCAG AA × Fail

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 248120 Background



This preview shows how black text looks on a background with the Hex color 248120.



This preview shows how white text looks on a background with the Hex color 248120.

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
248120

Protanopia
7D701C

Deuteranopia
8B6A29



Tritanopia
3E7882

Trichromacy



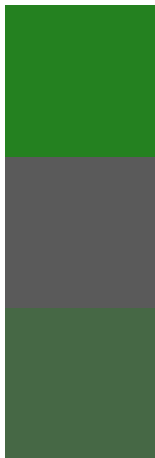
Original Color
248120

Protanomaly
5D761D

Deuteranomaly
667226

Tritanomaly
357B5E

Monochromacy



Original Color
248120

Achromatopsia
5A5A5A

Achromatomaly
466845

CSS Examples

Text

The CSS property to change the color of the text to Hex 248120 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 #248120 looks like.

```
.text, #text, p{  
    color:#248120  
}
```

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 #248120 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #248120
}
```

Border

The CSS property to change the border of an element to Hex 248120 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
#248120 }
```

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

```
.border{ border-color:#248120 }
```

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

Here you see how a box with a 4 pixel #248120 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #248120; -webkit-box-shadow:4px 4px  
4px 4px #248120; box-shadow:4px 4px 4px  
4px #248120 }
```

Background

The CSS property to change the background color of an element to Hex 248120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#248120 }
```

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

```
.background{ background-color:#248120 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor