

Converting Colors

Hex(3A9A20)

Have a look what the booklet for
Hex(3A9A20) contains.

Hex(3A9A20)	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(3A9A20)

Conversions

Conversions Part 1

Format	Color
Hex	3A9A20
RGB	58, 154, 32
RGB Percent	23%, 60%, 13%
CMY	0.7725, 0.3961, 0.8745
CMYK	0.62, 0.00, 0.79, 0.40
HSL	107°, 66%, 36%
HSV	107°, 79%, 60%
XYZ	13.5612, 24.1150, 5.3064
YIQ	111.3880, -18.0540, -58.2940

Conversions

Conversions Part 2

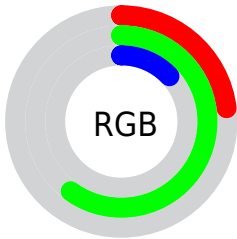
Format	Color
R_{YB}	32, 154, 128
Decimal	3840544
CIE _{Lab}	56.20, -49.95, 51.43
CIE _{LCh}	56, 71.696, 134.161
Yxy	24.1150, 0.3155, 0.5610
Android (android.graphics.Color)	4282030624 (0xFF3A9A20)
YUV	111.3880, -39.1383, -46.8213
Hunter-Lab	49.1071, -36.6434, 27.9682

Details

The Hex color **3A9A20** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **80209A**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **75D157**, and **006600** is the 20% darker color. If you saturate the color by 10%, you get **2E9A11**, and if you desaturate by 10%, it is **469A2F**.

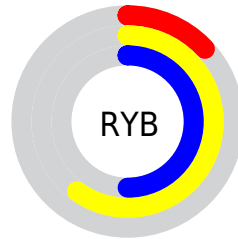
Distribution



Red (23%)

Green (60%)

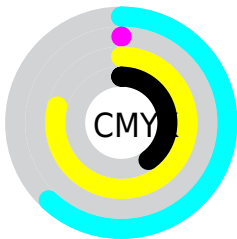
Blue (13%)



Red (13%)

Yellow (60%)

Blue (50%)

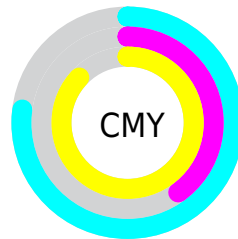


Cyan (62%)

Magenta (0%)

Yellow (79%)

Black (40%)



Cyan (77%)

Magenta (40%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A9A20 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 3A9A20 by changing the saturation by 10% instead.

 3A9A20

 3A9A20

FFFFFF

 147F00

 75D157

 006600

 91EE71

 004D00

 AEFF8C

 003500

 CBFFA7

 001E00

 E9FFC3

 000000

 FFFF00

 FFFFFD

 3A9A20

 3A9A20

 2E9A11

 469A2F

 229A01

 529A3F

 219A00

 5E9A4E

 6A9A5E

 779A6D

 839A7C

 8F9A8C

 9B9A9B

 A79AAB

Harmonies

Analogous

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



878D00



3A9A20



00A162

Triad

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



3A9A20



0097FF



F4416C

Complementary

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



3A9A20



80209A

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.



E548AA



3A9A20



1884FF

Square

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



3A9A20



00A0DD



AE67E1



E45A31

Rectangle

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



3A9A20



00A28E



AE67E1



F33E81

Sweetspot

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



3A9A20



A3C999



9A8020



4F6648



E6E6E6



666666

Same Dimension

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



3A9A20



33C90A



209A43



464D45



1E8C00



030D00

Inverse Universe

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



80209A



A10AC9



9A2077



4B454D



6E008C



0A000D

Previews

White Background



This preview shows how the Hex color 3A9A20 looks on a white background.

Color Contrast Check

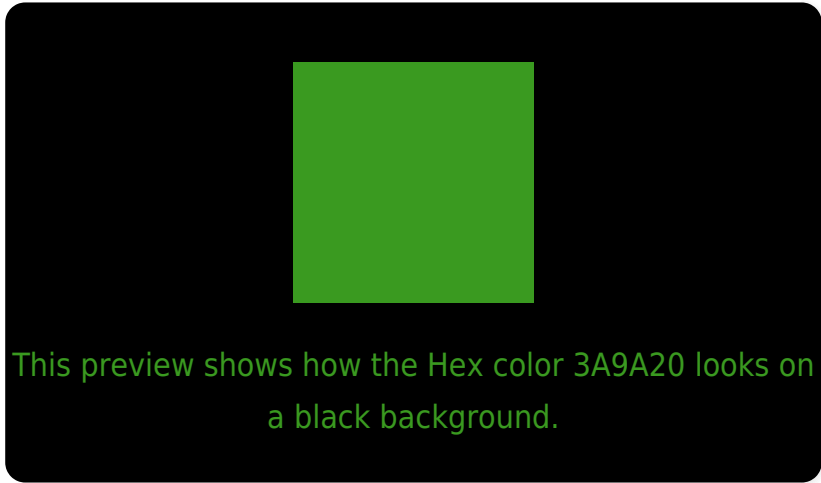
Large Text (above 18pt) WCAG AA ✓ Pass

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

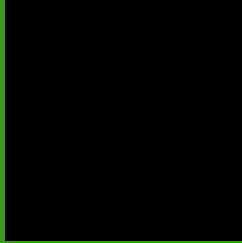
Any Text WCAG AA ✓ Pass

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 3A9A20 Background



This preview shows how black text looks on a background with the Hex color 3A9A20.



This preview shows how white text looks on a background with the Hex color 3A9A20.

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
3A9A20

Protanopia
97861B

Deuteranopia
A77F2D



Tritanopia
548F9B

Trichromacy



Original Color

3A9A20



Protanomaly

758D1D



Deuteranomaly

7F8928



Tritanomaly

4B936E

Monochromacy



Original Color

3A9A20



Achromatopsia

6F6F6F



Achromatomaly

5C7F52

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A9A20 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 #3A9A20 looks like.

```
.text, #text, p{  
    color:#3A9A20  
}
```

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 #3A9A20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A9A20
}
```

Border

The CSS property to change the border of an element to Hex 3A9A20 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
#3A9A20 }
```

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

```
.border{ border-color:#3A9A20 }
```

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

Here you see how a box with a 4 pixel #3A9A20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A9A20; -webkit-box-shadow:4px 4px  
4px 4px #3A9A20; box-shadow:4px 4px 4px  
4px #3A9A20 }
```

Background

The CSS property to change the background color of an element to Hex 3A9A20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A9A20 }
```

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

```
.background{ background-color:#3A9A20 }
```

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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