

Converting Colors

Hex(3DAA20)

Have a look what the booklet for
Hex(3DAA20) contains.

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Color

Hex(3DAA20)

Conversions

Conversions Part 1

Format	Color
Hex	3DAA20
RGB	61, 170, 32
RGB Percent	24%, 67%, 13%
CMY	0.7608, 0.3333, 0.8745
CMYK	0.64, 0.00, 0.81, 0.33
HSL	107°, 68%, 40%
HSV	107°, 81%, 67%
XYZ	16.5599, 29.8458, 6.2545
YIQ	121.6770, -20.6660, -66.0260

Conversions

Conversions Part 2

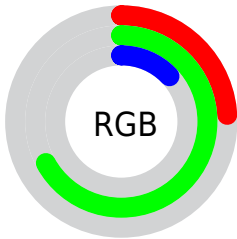
Format	Color
R_{YB}	32, 170, 141
Decimal	4041248
CIE _{Lab}	61.52, -54.88, 56.49
CIE _{LCh}	62, 78.758, 134.173
Yxy	29.8458, 0.3145, 0.5668
Android (android.graphics.Color)	4282231328 (0xFF3DAA20)
YUV	121.6770, -44.2108, -53.2137
Hunter-Lab	54.6313, -41.4978, 31.4541

Details

The Hex color **3DAA20** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8D20AA**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **7AE259**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **30AA0F**, and if you desaturate by 10%, it is **4AAA31**.

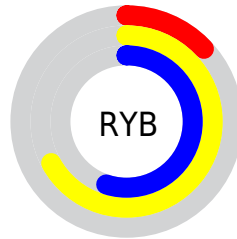
Distribution



Red (24%)

Green (67%)

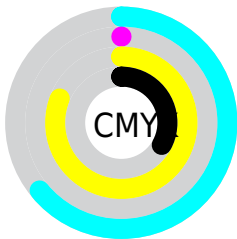
Blue (13%)



Red (13%)

Yellow (67%)

Blue (55%)

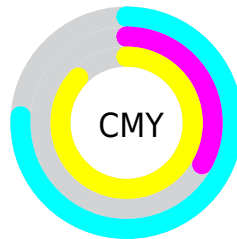


Cyan (64%)

Magenta (0%)

Yellow (81%)

Black (33%)



Cyan (76%)

Magenta (33%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DAA20 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 3DAA20 by changing the saturation by 10% instead.

 3DAA20

 3DAA20

FFFFFF

 148F00

 7AE259

 007400

 97FF74

 005B00

 B5FF8F

 004200

 D2FFAB

 002C00

 F0FFC7

 000A00

 FFFFE4

 000000

 3DAA20

 3DAA20

 30AA0F

 4AAA31

■ 24AA00

■ 58AA42

■ 65AA53

■ 73AA64

■ 80AA75

■ 8EAA86

■ 9BAA97

■ A8AAA8

■ B6AAB9

Harmonies

Analogous

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



949C00



3DAA20



00B16C

Triad

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



3DAA20



00A7FF



FF4577

Complementary

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



3DAA20



8D20AA

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.



FD4DBC



3DAA20



0192FF

Square

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



3DAA20



00B1F5



C071FA



FC6334

Rectangle

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



3DAA20



00B39D



C071FA



FF428E

Sweetspot

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



3DAA20



B4DEA9



AA8C20



567050



F0F0F0



707070

Same Dimension

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



3DAA20



34DE07



20AA47



4E544C



1F9400



041400

Inverse Universe

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



8D20AA



B107DE



AA2083



524C54



750094



100014

Previews

White Background



This preview shows how the Hex color 3DAA20 looks on a white background.

Color Contrast Check

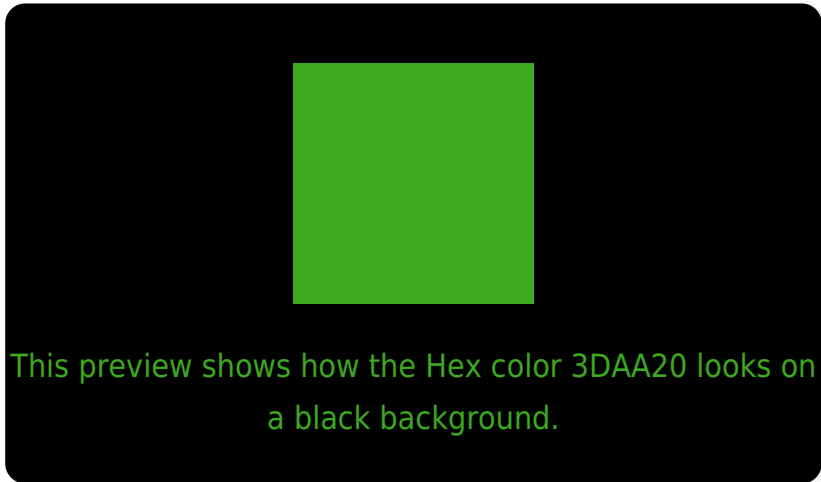
Large Text (above 18pt) WCAG AA ✓ Pass

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

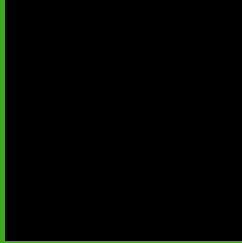
Any Text WCAG AA ✓ Pass

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 3DAA20 Background



This preview shows how black text looks on a background with the Hex color 3DAA20.



This preview shows how white text looks on a background with the Hex color 3DAA20.

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
3DAA20

Protanopia
A6941A

Deuteranopia
B98C2F



Tritanopia
5B9EAB

Trichromacy



Original Color
3DAA20



Protanomaly
809C1C



Deuteranomaly
8C972A



Tritanomaly
50A278

Monochromacy



Original Color
3DAA20



Achromatopsia
7A7A7A



Achromatomaly
648B59

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DAA20 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 #3DAA20 looks like.

```
.text, #text, p{  
    color:#3DAA20  
}
```

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 #3DAA20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DAA20
}
```

Border

The CSS property to change the border of an element to Hex 3DAA20 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
#3DAA20 }
```

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

```
.border{ border-color:#3DAA20 }
```

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

Here you see how a box with a 4 pixel #3DAA20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DAA20; -webkit-box-shadow:4px 4px  
4px 4px #3DAA20; box-shadow:4px 4px 4px  
4px #3DAA20 }
```

Background

The CSS property to change the background color of an element to Hex 3DAA20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DAA20 }
```

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

```
.background{ background-color:#3DAA20 }
```

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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