

# Converting Colors

Hex(20AC11)

Have a look what the booklet for  
Hex(20AC11) contains.

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**Color**

**Hex(20AC11)**

# Conversions

## Conversions Part 1

Format	Color
Hex	20AC11
RGB	32, 172, 17
RGB Percent	13%, 67%, 7%
CMY	0.8745, 0.3255, 0.9333
CMYK	0.81, 0.00, 0.90, 0.33
HSL	114°, 82%, 37%
HSV	114°, 90%, 67%
XYZ	15.4494, 29.8526, 5.4782
YIQ	112.4700, -33.6850, -77.8850

# Conversions

## Conversions Part 2

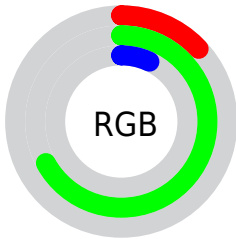
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 172, 157
Decimal	2141201
CIELab	61.53, -61.29, 59.83
CIELCh	62, 85.656, 135.691
Yxy	29.8526, 0.3042, 0.5879
Android (android.graphics.Color)	4280331281 (0xFF20AC11)
YUV	112.4700, -47.0667, -70.5722
Hunter-Lab	54.6375, -45.1428, 32.3016

# Details

The Hex color **20AC11** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9D11AC**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **69E550**, and **007600** is the 20% darker color. If you saturate the color by 10%, you get **11AC00**, and if you desaturate by 10%, it is **30AC22**.

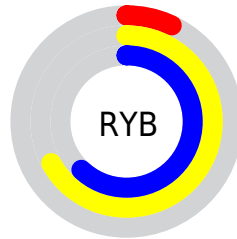
# Distribution



Red (13%)

Green (67%)

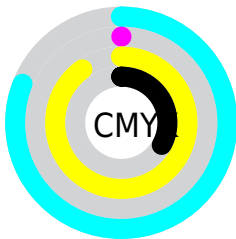
Blue (7%)



Red (7%)

Yellow (67%)

Blue (62%)

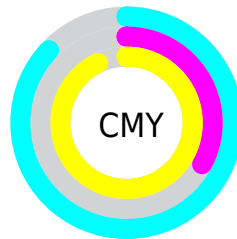


Cyan (81%)

Magenta (0%)

Yellow (90%)

Black (33%)



Cyan (87%)

Magenta (33%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 20AC11 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 20AC11 by changing the saturation by 10% instead.



 20AC11

 20AC11

FFFFFF

 009100

 69E550

 007600

 88FF6C

 005C00

 A6FF87

 004300

 C4FFA3

 002C00

 E2FFC0

 000A00

 FFFFDD

 000000

 FFFFFA

 20AC11

 20AC11

■ 11AC00

■ 30AC22

■ 3FAC33

■ 4FAC45

■ 5EAC56

■ 6EAC67

■ 7DAC78

■ 8DAC89

■ 9CAC9B

■ ACACAC

# Harmonies

## Analogous

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



8F9D00



20AC11



00B36C

# Triad

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



20AC11



00A8FF



FF3471

# Complementary

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



20AC11



9D11AC

# 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.



FF3DBC



20AC11



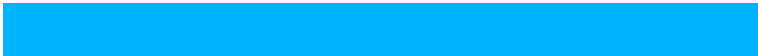
0090FF

# Square

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



20AC11



00B3FF



C76AFF



FF5E26

# Rectangle

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



20AC11



00B5A2



C76AFF



FF2E8A



# Sweetspot

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



20AC11



AAE0A4



AC9D11



50704C



F0F0F0



707070



# Same Dimension

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



20AC11



16E000



11AC4F



4F574E



0F9600



021700



# Inverse Universe

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



9D11AC



CB00E0



AC116E



564E57



880096

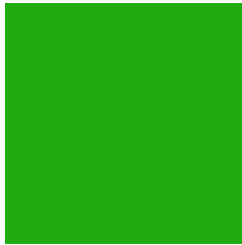


150017



# Previews

## White Background



This preview shows how the Hex color 20AC11 looks on a white background.

## Color Contrast Check

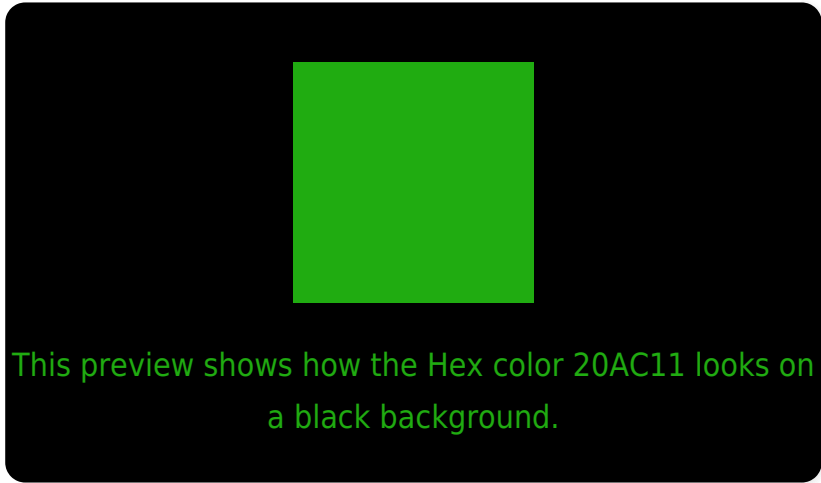
Large Text (above 18pt) WCAG AA ✓ Pass

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

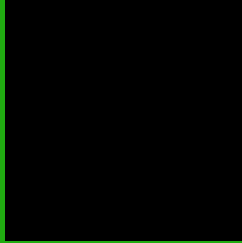
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 20AC11 Background



This preview shows how black text looks on a background with the Hex color 20AC11.

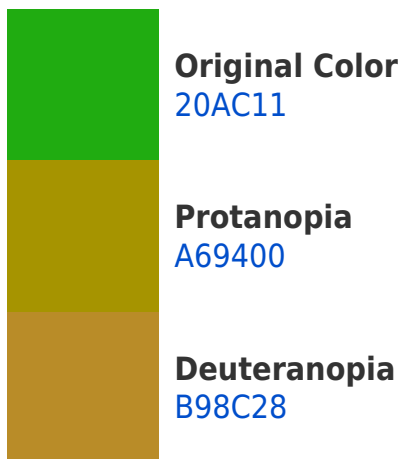


This preview shows how white text looks on a background with the Hex color 20AC11.

# 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





**Tritanopia**  
4DA0AD

# Trichromacy



**Original Color**  
20AC11



**Protanomaly**  
759D06



**Deuteranomaly**  
819820



**Tritanomaly**  
3DA474

# Monochromacy



**Original Color**  
20AC11



**Achromatopsia**  
707070



**Achromatomaly**  
53864D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 20AC11 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 #20AC11 looks like.

```
.text, #text, p{  
    color:#20AC11  
}
```

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 #20AC11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20AC11
}
```

## Border

The CSS property to change the border of an element to Hex 20AC11 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
#20AC11 }
```

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

```
.border{ border-color:#20AC11 }
```

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

Here you see how a box with a 4 pixel #20AC11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20AC11; -webkit-box-shadow:4px 4px  
4px 4px #20AC11; box-shadow:4px 4px 4px  
4px #20AC11 }
```

# Background

The CSS property to change the background color of an element to Hex 20AC11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20AC11 }
```

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

```
.background{ background-color:#20AC11 }
```

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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