

Converting Colors

Hex(20BA33)

Have a look what the booklet for
Hex(20BA33) contains.

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Color

Hex(20BA33)

Conversions

Conversions Part 1

Format	Color
Hex	20BA33
RGB	32, 186, 51
RGB Percent	13%, 73%, 20%
CMY	0.8745, 0.2706, 0.8000
CMYK	0.83, 0.00, 0.73, 0.27
HSL	127°, 71%, 43%
HSV	127°, 83%, 73%
XYZ	18.7521, 35.6639, 9.0275
YIQ	124.5640, -48.4490, -74.6330

Conversions

Conversions Part 2

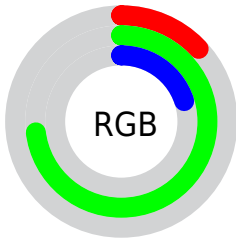
Format	Color
RYB	32, 169, 186
Decimal	2144819
CIELab	66.26, -63.50, 54.62
CIElCh	66, 83.762, 139.299
Yxy	35.6639, 0.2956, 0.5621
Android (android.graphics.Color)	4280334899 (0xFF20BA33)
YUV	124.5640, -36.2671, -81.1786
Hunter-Lab	59.7193, -48.4589, 32.8409

Details

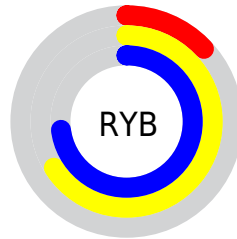
The Hex color **20BA33** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BA20A7**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6BF369**, and **008300** is the 20% darker color. If you saturate the color by 10%, you get **0DBA23**, and if you desaturate by 10%, it is **33BA43**.

Distribution



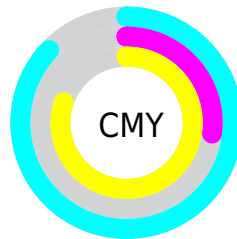
- Red (13%)
- Green (73%)
- Blue (20%)



- Red (13%)
- Yellow (66%)
- Blue (73%)



- Cyan (83%)
- Magenta (0%)
- Yellow (73%)
- Black (27%)



- Cyan (87%)
- Magenta (27%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20BA33 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 20BA33 by changing the saturation by 10% instead.

 20BA33

 20BA33

FFFFFF

 009E13

 6BF369

 008300

 8AFF84

 006900

 A9FFA0

 004F00

 C7FFBC

 003700

 E5FFD9

 001E00

 FFFFF6

 000000

 20BA33

 20BA33

 0DBA23

 33BA43

 00BA17

 45BA54

 58BA64

 6ABA74

 7DBA85

 90BA95

 A2BAA5

 B5BAB5

 C7BAC6

Harmonies

Analogous

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



94AC00



20BA33



00C183

Triad

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



20BA33



00B2FF



FF4E74

Complementary

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



20BA33



BA20A7

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.



FF4EBF



20BA33



5899FF

Square

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



20BA33



00BFFF



DF74FF



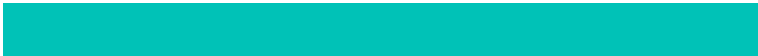
FF722C

Rectangle

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



20BA33



00C2B7



DF74FF



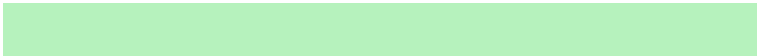
FF488D

Sweetspot

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



20BA33



B6F2BD



A8BA20



567A5A



FAFAFA



7A7A7A

Same Dimension

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



20BA33



02F220



20BA7F



535C54



009C13



001C03

Inverse Universe

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



BA20A7



F202D5



BA205B



5C535B



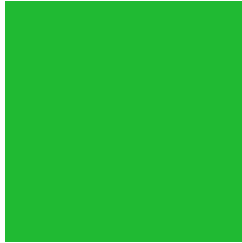
9C0088



1C0019

Previews

White Background



This preview shows how the Hex color 20BA33 looks on a white background.

Color Contrast Check

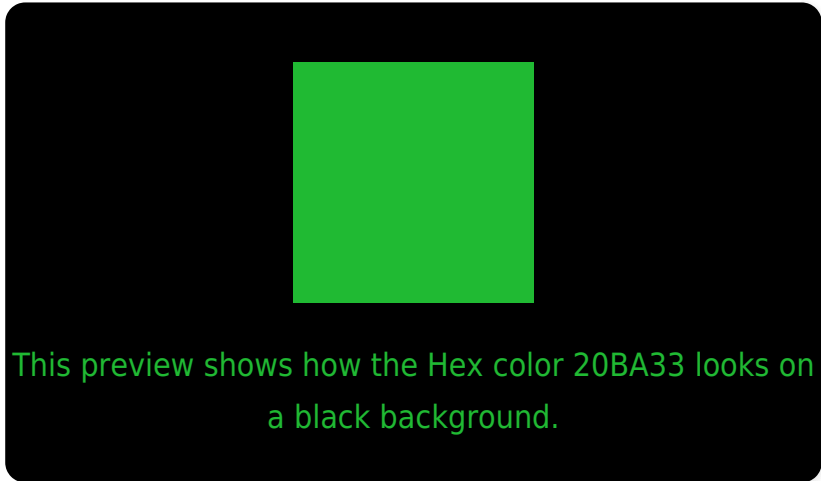
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 20BA33 Background



This preview shows how black text looks on a background with the Hex color 20BA33.

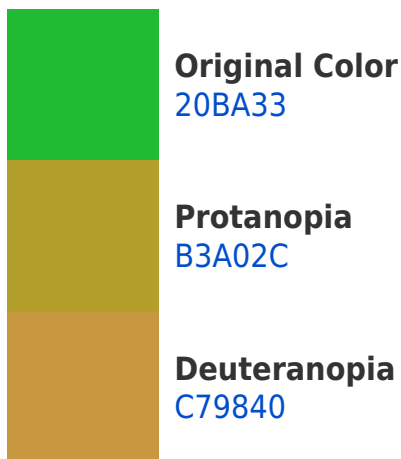


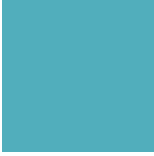
This preview shows how white text looks on a background with the Hex color 20BA33.

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
51AEB3

Trichromacy



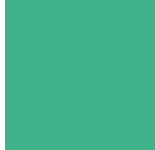
Original Color
20BA33



Protanomaly
7EA92F



Deuteranomaly
8AA43B



Tritanomaly
3FB28A

Monochromacy



Original Color
20BA33



Achromatopsia
7D7D7D



Achromatomaly
5B9362

CSS Examples

Text

The CSS property to change the color of the text to Hex 20BA33 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 #20BA33 looks like.

```
.text, #text, p{  
    color:#20BA33  
}
```

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 #20BA33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20BA33
}
```

Border

The CSS property to change the border of an element to Hex 20BA33 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
#20BA33 }
```

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

```
.border{ border-color:#20BA33 }
```

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

Here you see how a box with a 4 pixel #20BA33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20BA33; -webkit-box-shadow:4px 4px  
4px 4px #20BA33; box-shadow:4px 4px 4px  
4px #20BA33 }
```

Background

The CSS property to change the background color of an element to Hex 20BA33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20BA33 }
```

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

```
.background{ background-color:#20BA33 }
```

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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