

Converting Colors

Hex(20DF32)

Have a look what the booklet for
Hex(20DF32) contains.

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Color

Hex(20DF32)

Conversions

Conversions Part 1

Format	Color
Hex	20DF32
RGB	32, 223, 50
RGB Percent	13%, 87%, 20%
CMY	0.8745, 0.1255, 0.8039
CMYK	0.86, 0.00, 0.78, 0.13
HSL	126°, 75%, 50%
HSV	126°, 86%, 87%
XYZ	27.5591, 53.3127, 11.8555
YIQ	146.1690, -58.3030, -94.2950

Conversions

Conversions Part 2

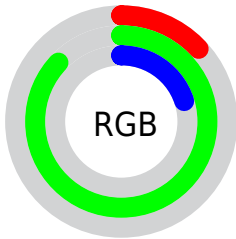
Format	Color
RYB	32, 207, 223
Decimal	2154290
CIELab	78.06, -74.49, 66.67
CIELCh	78, 99.968, 138.172
Yxy	53.3127, 0.2972, 0.5749
Android (android.graphics.Color)	4280344370 (0xFF20DF32)
YUV	146.1690, -47.4113, -100.1262
Hunter-Lab	73.0156, -60.4040, 41.4840

Details

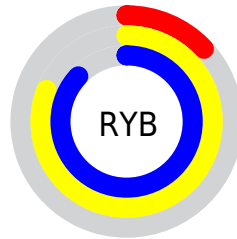
The Hex color **20DF32** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **DF20CD**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **75FF6D**, and **00A600** is the 20% darker color. If you saturate the color by 10%, you get **0ADF1E**, and if you desaturate by 10%, it is **36DF46**.

Distribution



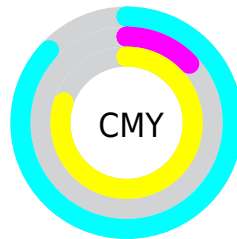
- Red (13%)
- Green (87%)
- Blue (20%)



- Red (13%)
- Yellow (81%)
- Blue (87%)



- Cyan (86%)
- Magenta (0%)
- Yellow (78%)
- Black (13%)



- Cyan (87%)
- Magenta (13%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20DF32 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 20DF32 by changing the saturation by 10% instead.

 20DF32

 20DF32

FFFFFF

 00C205

 75FF6D

 00A600

 96FF89

 008A00

 B6FFA6

 007000

 D6FFC2

 005500

 F5FFE0

 003D00

FFFFFFD

 002300

 000000

 20DF32

 20DF32

 0ADF1E

 36DF46

 00DF15

 4DDF5A

 63DF6F

 79DF83

 90DF97

 A6DFAB

 BCDFBF

 D2DFD4

 E9DFE8

Harmonies

Analogous

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



B3CE00



20DF32



00E798

Triad

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



20DF32



00D7FF



FF548D

Complementary

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



20DF32



DF20CD

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.



FF57EA



20DF32



4FB9FF

Square

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



20DF32



00E6FF



FF8AFF



FF8333

Rectangle

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



20DF32



00EAD9



FF8AFF



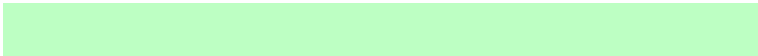
FF4CAC

Sweetspot

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



20DF32



BDFFC3



CFDF20



58805C



000000



808080

Same Dimension

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



20DF32



00FF18



20DF8F



657066



00B011



003005

Inverse Universe

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



DF20CD



FF00E7



DF2070



70656F



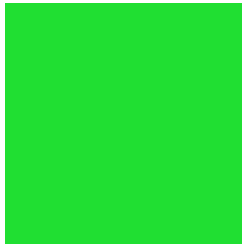
B0009F



30002C

Previews

White Background



This preview shows how the Hex color 20DF32 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



This preview shows how the Hex color 20DF32 looks on a 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 20DF32 Background



This preview shows how black text looks on a background with the Hex color 20DF32.

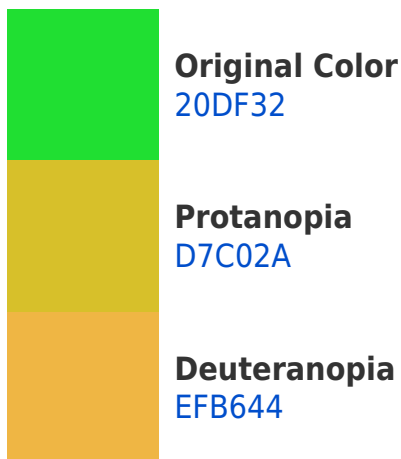


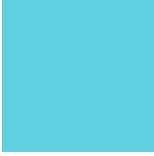
This preview shows how white text looks on a background with the Hex color 20DF32.

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
60D0E1

Trichromacy



Original Color
20DF32



Protanomaly
94CB2D

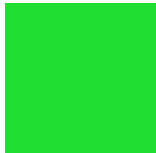


Deuteranomaly
A4C53D



Tritanomaly
49D5A1

Monochromacy



Original Color
20DF32



Achromatopsia
929292



Achromatomaly
69AE6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 20DF32 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 #20DF32 looks like.

```
.text, #text, p{  
    color:#20DF32  
}
```

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 #20DF32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20DF32
}
```

Border

The CSS property to change the border of an element to Hex 20DF32 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
#20DF32 }
```

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

```
.border{ border-color:#20DF32 }
```

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

Here you see how a box with a 4 pixel #20DF32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20DF32; -webkit-box-shadow:4px 4px  
4px 4px #20DF32; box-shadow:4px 4px 4px  
4px #20DF32 }
```

Background

The CSS property to change the background color of an element to Hex 20DF32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20DF32 }
```

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

```
.background{ background-color:#20DF32 }
```

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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