

Converting Colors

Hex(0DBF22)

Have a look what the booklet for
Hex(0DBF22) contains.

Hex(0DBF22)	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(0DBF22)

Conversions

Conversions Part 1

Format	Color
Hex	0DBF22
RGB	13, 191, 34
RGB Percent	5%, 75%, 13%
CMY	0.9490, 0.2510, 0.8667
CMYK	0.93, 0.00, 0.82, 0.25
HSL	127°, 87%, 40%
HSV	127°, 93%, 75%
XYZ	19.0855, 37.4627, 7.7385
YIQ	119.8800, -55.6910, -86.5630

Conversions

Conversions Part 2

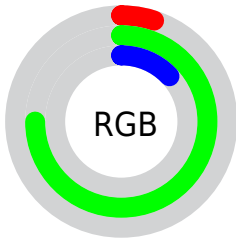
Format	Color
RYB	13, 172, 191
Decimal	900898
CIELab	67.62, -67.65, 61.33
CIELCh	68, 91.315, 137.804
Yxy	37.4627, 0.2969, 0.5827
Android (android.graphics.Color)	4279090978 (0xFF0DBF22)
YUV	119.8800, -42.3388, -93.7338
Hunter-Lab	61.2067, -51.4519, 35.3486

Details

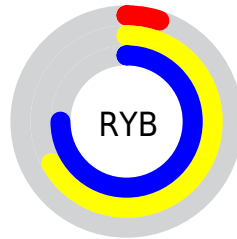
The Hex color **0DBF22** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BF0DAA**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **67F95D**, and **008800** is the 20% darker color. If you saturate the color by 10%, you get **00BF17**, and if you desaturate by 10%, it is **20BF33**.

Distribution



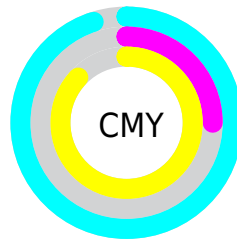
- Red (5%)
- Green (75%)
- Blue (13%)



- Red (5%)
- Yellow (67%)
- Blue (75%)



- Cyan (93%)
- Magenta (0%)
- Yellow (82%)
- Black (25%)



- Cyan (95%)
- Magenta (25%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DBF22 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 0DBF22 by changing the saturation by 10% instead.

 0DBF22

 0DBF22

FFFFFF

 00A300

 67F95D

 008800

 87FF79

 006D00

 A6FF95

 005300

 C5FFB1

 003B00

 E4FFCE

 002200

 FFFFEB

 000000

 0DBF22

 0DBF22

 00BF17

 20BF33

 33BF44

 46BF55

 59BF65

 6DBF76

 80BF87

 93BF98

 A6BFA9

 B9BFBA

Harmonies

Analogous

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



99B000



0DBF22



00C67F

Triad

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



0DBF22



00B8FF



FF4078

Complementary

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



ODBF22



BF0DAA

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.



FF44CA



0DBF22



309EFF

Square

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



0DBF22



00C5FF



E374FF



FF6D26

Rectangle

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



0DBF22



00C8B9



E374FF



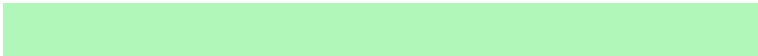
FF3893

Sweetspot

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



0DBF22



B2F7BA



AABF0D



527D57



FCFCFC



7D7D7D

Same Dimension

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



0DBF22



00F71D



0DBF7B



555E56



009E13



001F04

Inverse Universe

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



BF0DAA



F700DA



BF0D51



5E555D



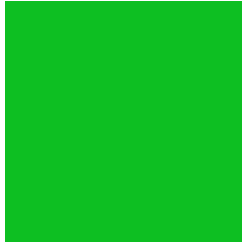
9E008B



1F001B

Previews

White Background



This preview shows how the Hex color 0DBF22 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 0DBF22 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 0DBF22 Background



This preview shows how black text looks on a background with the Hex color 0DBF22.

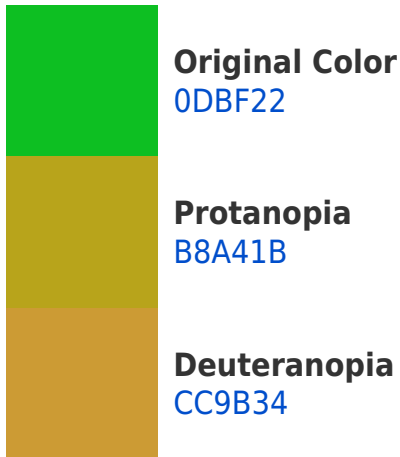


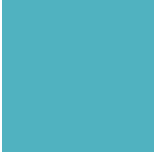
This preview shows how white text looks on a background with the Hex color 0DBF22.

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
50B2C0

Trichromacy



Original Color
0DBF22



Protanomaly
7AAE1E



Deuteranomaly
87A82D



Tritanomaly
38B787

Monochromacy



Original Color
0DBF22



Achromatopsia
787878



Achromatomaly
519259

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DBF22 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 #0DBF22 looks like.

```
.text, #text, p{  
    color:#0DBF22  
}
```

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 #0DBF22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DBF22
}
```

Border

The CSS property to change the border of an element to Hex 0DBF22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

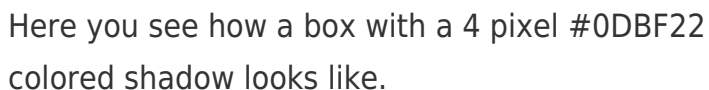
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0DBF22 }
```

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

```
.border{ border-color:#0DBF22 }
```

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



Here you see how a box with a 4 pixel #0DBF22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DBF22; -webkit-box-shadow:4px 4px  
4px 4px #0DBF22; box-shadow:4px 4px 4px  
4px #0DBF22 }
```

Background

The CSS property to change the background color of an element to Hex 0DBF22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DBF22 }
```

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

```
.background{ background-color:#0DBF22 }
```

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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