

Converting Colors

Hex(32FF12)

Have a look what the booklet for
Hex(32FF12) contains.

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Color

Hex(32FF12)

Conversions

Conversions Part 1

Format	Color
Hex	32FF12
RGB	50, 255, 18
RGB Percent	20%, 100%, 7%
CMY	0.8039, 0.0000, 0.9294
CMYK	0.80, 0.00, 0.93, 0.00
HSL	112°, 100%, 54%
HSV	112°, 93%, 100%
XYZ	37.1846, 72.2418, 12.5565
YIQ	166.6870, -46.1030, -117.1670

Conversions

Conversions Part 2

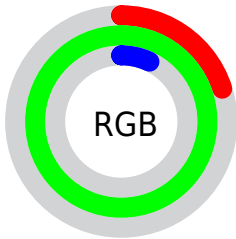
Format	Color
RYB	18, 255, 223
Decimal	3342098
CIELab	88.08, -82.95, 82.11
CIELCh	88, 116.717, 135.294
Yxy	72.2418, 0.3048, 0.5922
Android (android.graphics.Color)	4281532178 (0xFF32FF12)
YUV	166.6870, -73.3027, -102.3345
Hunter-Lab	84.9952, -70.6495, 50.7376

Details

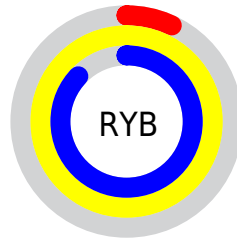
The Hex color **32FF12** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark washed green. A complement of this color would be **DF12FF**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **86FF61**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **22FF00**, and if you desaturate by 10%, it is **48FF2C**.

Distribution



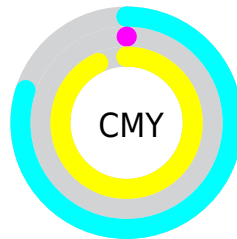
- Red (20%)
- Green (100%)
- Blue (7%)



- Red (7%)
- Yellow (100%)
- Blue (87%)



- Cyan (80%)
- Magenta (0%)
- Yellow (93%)
- Black (0%)



- Cyan (80%)
- Magenta (0%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32FF12 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 32FF12 by changing the saturation by 10% instead.

 32FF12

 32FF12

FFFFFF

 00E100

 86FF61

 00C400

 A8FF7F

 00A800

 C9FF9D

 008C00

 E9FFBB

 007100


 FFFFD9

 005600

 FFFFF7

 003E00

 002300

 000000

 32FF12

 32FF12

 22FF00


 48FF2C

 5EFF45

 74FF5F

 8AFF78

 A0FF92

 B6FFAB

 CCFFC5

 E2FFDE

 F9FFF8

Harmonies

Analogous

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



D5EA00



32FF12



00FFA0

Triad

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



32FF12



00FAFF



FF4CAA

Complementary

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



32FF12



DF12FF

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.



FF5AFF



32FF12



00D8FF

Square

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



32FF12



00FFFF



FFA0FF



FF8B3C

Rectangle

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



32FF12



00FFEE



FFA0FF



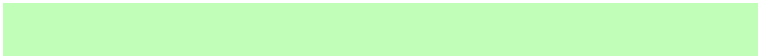
FF42CE

Sweetspot

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



32FF12



C1FFB8



FFDB12



5A8054



000000



808080

Same Dimension

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



32FF12



22FF00



12FF65



748073



1ABF00



094000

Inverse Universe

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



DF12FF



DD00FF



FF12AC



7E7380



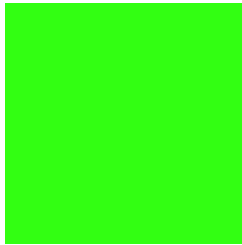
A500BF



370040

Previews

White Background



This preview shows how the Hex color 32FF12 looks on a white background.

Color Contrast Check

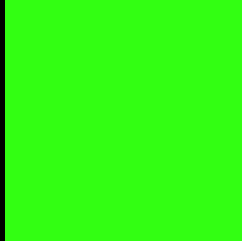
Large Text (above 18pt) WCAG AA × Fail

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 32FF12 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 32FF12 Background



This preview shows how black text looks on a background with the Hex color 32FF12.



This preview shows how white text looks on a background with the Hex color 32FF12.

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](#).

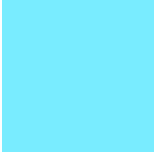
Dichromacy



Original Color
E67E22

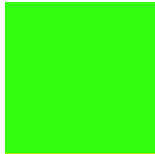
Protanopia
F7DB00

Deuteranopia
FFD493



Tritanopia
79ECFF

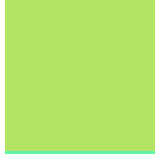
Trichromacy



Original Color
32FF12



Protanomaly
AFE807

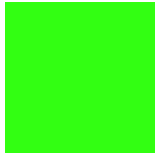


Deuteranomaly
B4E464



Tritanomaly
5FF3A9

Monochromacy



Original Color
32FF12



Achromatopsia
A7A7A7



Achromatomaly
7CC771

CSS Examples

Text

The CSS property to change the color of the text to Hex 32FF12 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 #32FF12 looks like.

```
.text, #text, p{  
    color:#32FF12  
}
```

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 #32FF12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32FF12
}
```

Border

The CSS property to change the border of an element to Hex 32FF12 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
#32FF12 }
```

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

```
.border{ border-color:#32FF12 }
```

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

Here you see how a box with a 4 pixel #32FF12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32FF12; -webkit-box-shadow:4px 4px  
4px 4px #32FF12; box-shadow:4px 4px 4px  
4px #32FF12 }
```

Background

The CSS property to change the background color of an element to Hex 32FF12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32FF12 }
```

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

```
.background{ background-color:#32FF12 }
```

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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