

Converting Colors

Hex(2FA500)

Have a look what the booklet for
Hex(2FA500) contains.

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Color

Hex(2FA500)

Conversions

Conversions Part 1

Format	Color
Hex	2FA500
RGB	47, 165, 0
RGB Percent	18%, 65%, 0%
CMY	0.8157, 0.3529, 1.0000
CMYK	0.72, 0.00, 1.00, 0.35
HSL	103°, 100%, 32%
HSV	103°, 100%, 65%
XYZ	14.6274, 27.5146, 4.5399
YIQ	110.9080, -17.3630, -76.3310

Conversions

Conversions Part 2

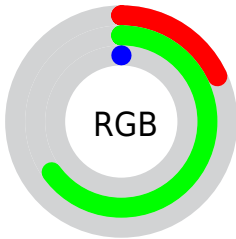
Format	Color
RYB	0, 165, 118
Decimal	3122432
CIELab	59.45, -57.26, 60.73
CIELCh	59, 83.468, 133.315
Yxy	27.5146, 0.3133, 0.5894
Android (android.graphics.Color)	4281312512 (0xFF2FA500)
YUV	110.9080, -54.6776, -56.0473
Hunter-Lab	52.4544, -42.0186, 31.5865

Details

The Hex color **2FA500** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **7600A5**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **70DD49**, and **007000** is the 20% darker color. If you saturate the color by 10%, you get **2FA500**, and if you desaturate by 10%, it is **3BA510**.

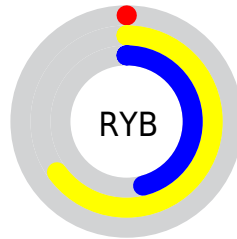
Distribution



Red (18%)

Green (65%)

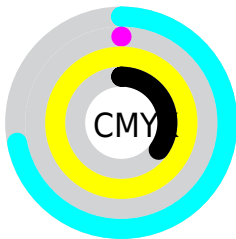
Blue (0%)



Red (0%)

Yellow (65%)

Blue (46%)

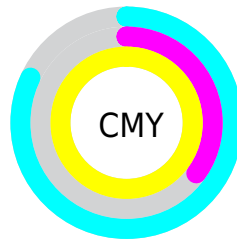


Cyan (72%)

Magenta (0%)

Yellow (100%)

Black (35%)



Cyan (82%)

Magenta (35%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FA500 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 2FA500 by changing the saturation by 10% instead.

 2FA500

 2FA500

FFFFFF

 008A00

 70DD49

 007000

 8EFA64

 005600

 ABFF80

 003D00

 C9FF9C

 002600

 E7FFB8

 000000

 FFFFD5

 FFFFF2

 2FA500

 3BA510

 47A521

 52A532

 5EA542

 6AA552

 76A563

 82A573

 8DA584

 99A594

Harmonies

Analogous

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



8F9600



2FA500



00AC62

Triad

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



2FA500



00A3FF



FF3072

Complementary

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



2FA500



7600A5

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.



FB3DBB



2FA500



008DFF

Square

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



2FA500



00ADF3



B96AFB



FB572B

Rectangle

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



2FA500



00AE96



B96AFB



FF2C8A

Sweetspot

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



2FA500



A8D696



A57300



506B45



EBEBEB



6B6B6B

Same Dimension

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



2FA500



3DD600



00A521



4C5249



299100



051200

Inverse Universe

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



7600A5



9900D6



A50084



4F4952



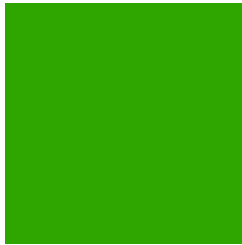
680091



0D0012

Previews

White Background



This preview shows how the Hex color 2FA500 looks on a white background.

Color Contrast Check

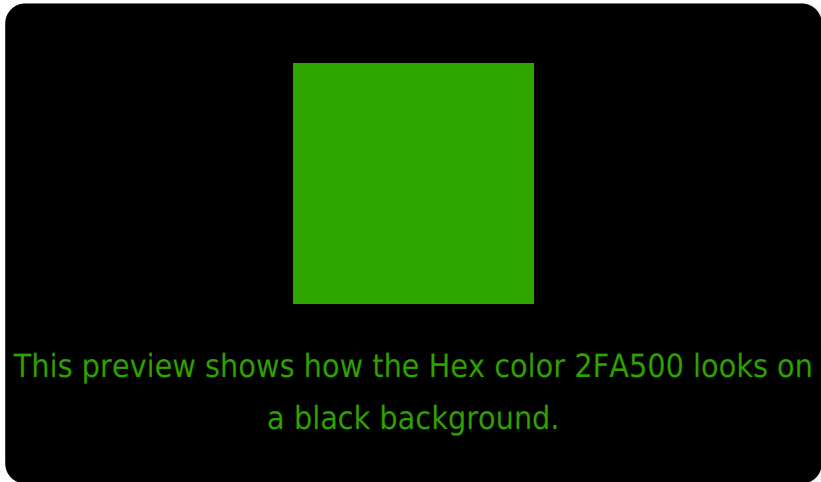
Large Text (above 18pt) WCAG AA ✓ Pass

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

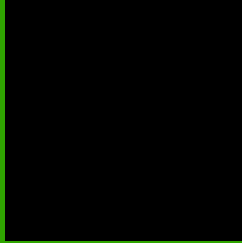
Any Text WCAG AA ✓ Pass

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 2FA500 Background



This preview shows how black text looks on a background with the Hex color 2FA500.



This preview shows how white text looks on a background with the Hex color 2FA500.

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
2FA500

Protanopia
A08F00

Deuteranopia
B38723



Tritanopia
5199A6

Trichromacy



Original Color
2FA500



Protanomaly
779700



Deuteranomaly
839216



Tritanomaly
459D6A

Monochromacy



Original Color
2FA500



Achromatopsia
6F6F6F



Achromatomaly
588347

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FA500 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 #2FA500 looks like.

```
.text, #text, p{  
    color:#2FA500  
}
```

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 #2FA500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FA500
}
```

Border

The CSS property to change the border of an element to Hex 2FA500 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
#2FA500 }
```

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

```
.border{ border-color:#2FA500 }
```

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

Here you see how a box with a 4 pixel #2FA500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FA500; -webkit-box-shadow:4px 4px  
4px 4px #2FA500; box-shadow:4px 4px 4px  
4px #2FA500 }
```

Background

The CSS property to change the background color of an element to Hex 2FA500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FA500 }
```

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

```
.background{ background-color:#2FA500 }
```

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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