

Converting Colors

Hex(FDA500)

Have a look what the booklet for
Hex(FDA500) contains.

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Color

Hex(FDA500)

Conversions

Conversions Part 1

Format	Color
Hex	FDA500
RGB	253, 165, 0
RGB Percent	99%, 65%, 0%
CMY	0.0078, 0.3529, 1.0000
CMYK	0.00, 0.35, 1.00, 0.01
HSL	39°, 100%, 50%
HSV	39°, 100%, 99%
XYZ	53.9631, 47.7929, 6.3808
YIQ	172.5020, 105.4130, -32.6590

Conversions

Conversions Part 2

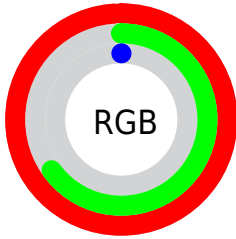
Format	Color
RYB	135, 253, 0
Decimal	16622848
CIELab	74.69, 23.10, 78.68
CIElCh	75, 82.005, 73.640
Yxy	47.7929, 0.4990, 0.4420
Android (android.graphics.Color)	4294812928 (0xFFFDA500)
YUV	172.5020, -85.0435, 70.5967
Hunter-Lab	69.1324, 18.3512, 42.9203

Details

The Hex color **FDA500** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **0058FD**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFDC4F**, and **BE7100** is the 20% darker color. If you saturate the color by 10%, you get **FDA500**, and if you desaturate by 10%, it is **FDAE19**.

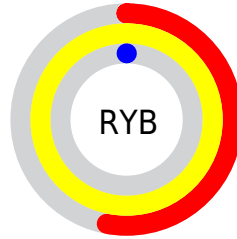
Distribution



Red (99%)

Green (65%)

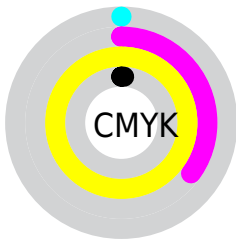
Blue (0%)



Red (53%)

Yellow (99%)

Blue (0%)

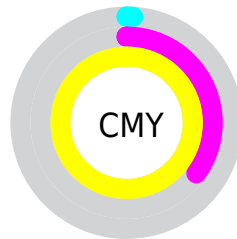


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (35%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDA500 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 FDA500 by changing the saturation by 10% instead.

 FDA500

 FDA500

FFFFFF

 DD8B00

 FFDC4F

 BE7100

 FFF96C

 9F5800

 FFFF88

 814100

 FFFFA5

 642A00

 FFFFC2

 481400

 FFFFDF

 2E0000

 FFFFFC

 010000

 000000

 FDA500

 FDAE19

 FDB733

 FDBF4C

 FDC865

 FDD17F

 FDDA98

 FDE3B1

 FDEBCA

 FDF4E4

Harmonies

Analogous

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



FF8452



FDA500



BBBF00

Triad

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



FDA500



00DBD9



E693FF

Complementary

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



FDA500



0058FD

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.



4DB5FF



FDA500



00D7FF

Square

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



FDA500



00D88A



00CCFF



FF71E4

Rectangle

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



FDA500



85CB25



00CCFF



C39FFF

Sweetspot

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



FDA500



FFE4B3



FD0059



807052



000000



808080

Same Dimension

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



FDA500



FFA600



D7FD00



807B73



BF7D00



402A00

Inverse Universe

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



0058FD



0059FF



2600FD



737780



0043BF



001640

Previews

White Background



This preview shows how the Hex color FDA500 looks on a white background.

Color Contrast Check

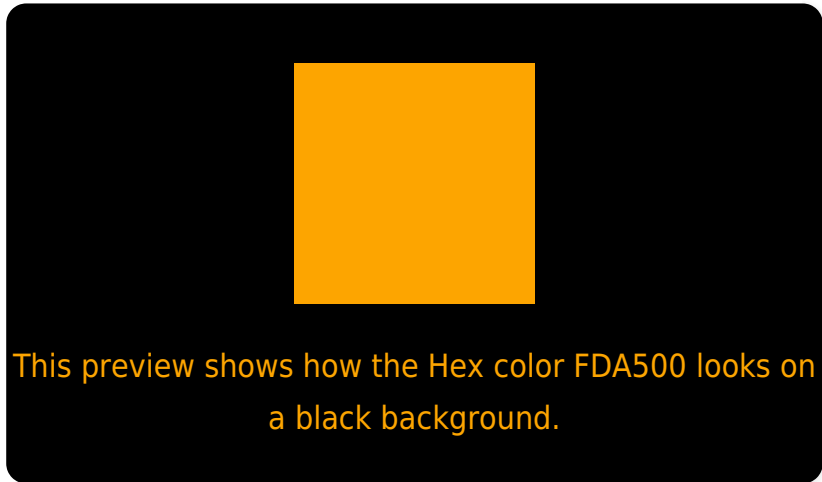
Large Text (above 18pt) WCAG AA × Fail

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 FDA500 Background



This preview shows how black text looks on a background with the Hex color FDA500.



This preview shows how white text looks on a background with the Hex color FDA500.

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
FDA500

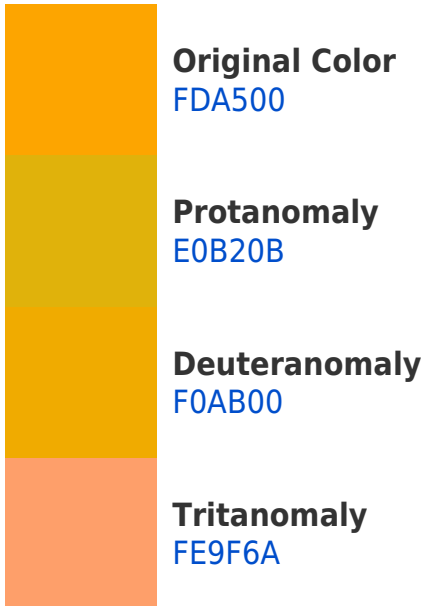
Protanopia
D0B911

Deuteranopia
E9AF00

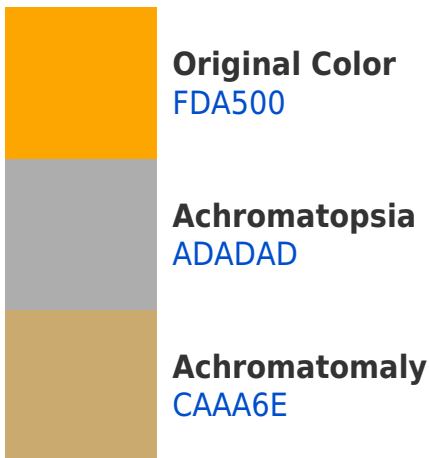


Tritanopia
FF9CA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FDA500 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 #FDA500 looks like.

```
.text, #text, p{  
    color:#FDA500  
}
```

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 #FDA500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDA500
}
```

Border

The CSS property to change the border of an element to Hex FDA500 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
#FDA500 }
```

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

```
.border{ border-color:#FDA500 }
```

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

Here you see how a box with a 4 pixel #FDA500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDA500; -webkit-box-shadow:4px 4px  
4px 4px #FDA500; box-shadow:4px 4px 4px  
4px #FDA500 }
```

Background

The CSS property to change the background color of an element to Hex FDA500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDA500 }
```

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

```
.background{ background-color:#FDA500 }
```

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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