

Converting Colors

Hex(FFB530)

Have a look what the booklet for
Hex(FFB530) contains.

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Color

Hex(FFB530)

Conversions

Conversions Part 1

Format	Color
Hex	FFB530
RGB	255, 181, 48
RGB Percent	100%, 71%, 19%
CMY	0.0000, 0.2902, 0.8118
CMYK	0.00, 0.29, 0.81, 0.00
HSL	39°, 100%, 59%
HSV	39°, 81%, 100%
XYZ	58.2974, 54.5211, 10.2473
YIQ	187.9640, 86.7970, -25.6750

Conversions

Conversions Part 2

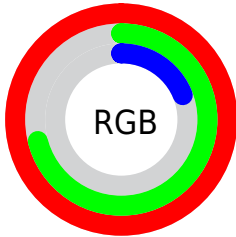
Format	Color
R_{YB}	163, 255, 48
Decimal	16758064
CIE _{Lab}	78.76, 16.35, 72.41
CIE _{LCh}	79, 74.238, 77.274
Yxy	54.5211, 0.4737, 0.4430
Android (android.graphics.Color)	4294948144 (0xFFFFB530)
YUV	187.9640, -69.0023, 58.7906
Hunter-Lab	73.8384, 11.7131, 43.4586

Details

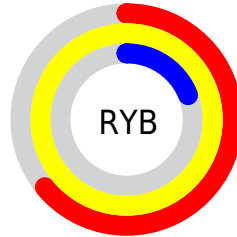
The Hex color **FFB530** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **307AFF**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFED6A**, and **C18000** is the 20% darker color. If you saturate the color by 10%, you get **FFAC17**, and if you desaturate by 10%, it is **FFBE4A**.

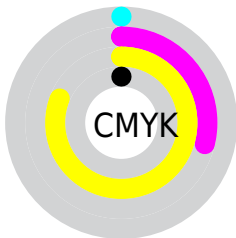
Distribution



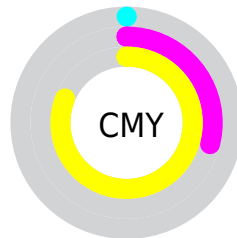
- Red (100%)
- Green (71%)
- Blue (19%)



- Red (64%)
- Yellow (100%)
- Blue (19%)



- Cyan (0%)
- Magenta (29%)
- Yellow (81%)
- Black (0%)



- Cyan (0%)
- Magenta (29%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB530 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 FFB530 by changing the saturation by 10% instead.

 FFB530

 FFB530

FFFFFF

 E09A05

 FFED6A

 C18000

 FFFF85

 A36700

 FFFFA2

 854F00

 FFFFBE

 683900

 FFFFDB

 4C2300

 FFFFF8

 310E00

 170000

 000000

 FFB530

 FFB530

 FFAC17

 FFBE4A

 FFA400

 FFC763

 FFD07D

 FFD996

 FFE3B0

 FFECC9

 FFF5E3

 FFFEFC

FFFFFF

Harmonies

Analogous

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



FF995F



FFB530



C0CC2E

Triad

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



FFB530



00E4EA



F99FFF

Complementary

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



FFB530



307AFF

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.



8ABDFF



FFB530



00E0FF

Square

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



FFB530



00E2A2



00D3FF



FF85E3

Rectangle

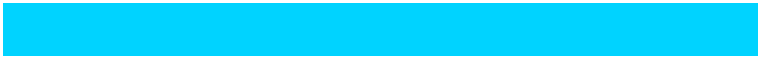
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFB530



8ED64C



00D3FF



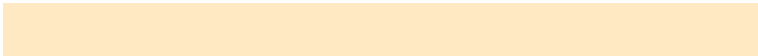
DBA9FF

Sweetspot

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



FFB530



FFE9C2



FF307C



80725B



000000



808080

Same Dimension

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



FFB530



FFA708



E3FF30



807B73



BF7B00



402900

Inverse Universe

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



307AFF



0860FF



4C30FF



737780



0044BF



001740

Previews

White Background



This preview shows how the Hex color FFB530 looks on a white background.

Color Contrast Check

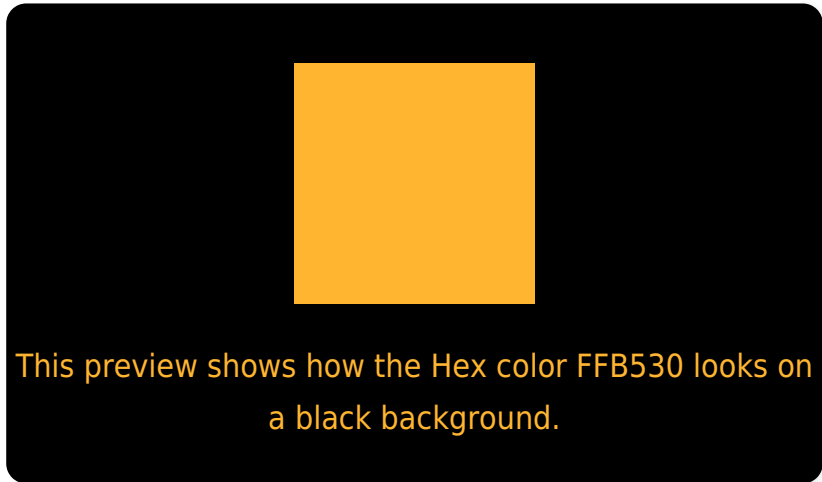
Large Text (above 18pt) WCAG AA × Fail

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 FFB530 Background



This preview shows how black text looks on a background with the Hex color FFB530.



This preview shows how white text looks on a background with the Hex color FFB530.

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
FFB530

Protanopia
DBC434

Deuteranopia
F6B92E

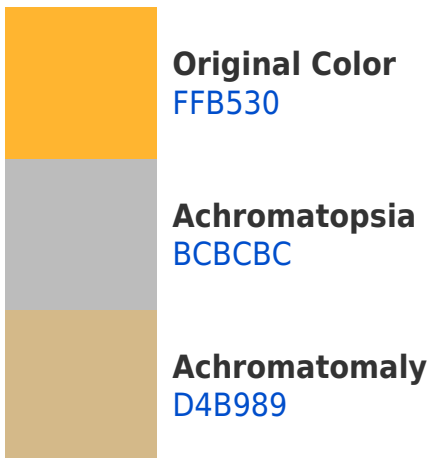


Tritanopia
FFADB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFB530 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 #FFB530 looks like.

```
.text, #text, p{  
    color:#FFB530  
}
```

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 #FFB530 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB530
}
```

Border

The CSS property to change the border of an element to Hex FFB530 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
#FFB530 }
```

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

```
.border{ border-color:#FFB530 }
```

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

Here you see how a box with a 4 pixel #FFB530 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB530; -webkit-box-shadow:4px 4px  
4px 4px #FFB530; box-shadow:4px 4px 4px  
4px #FFB530 }
```

Background

The CSS property to change the background color of an element to Hex FFB530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB530 }
```

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

```
.background{ background-color:#FFB530 }
```

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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