

Converting Colors

Hex(FDB028)

Have a look what the booklet for
Hex(FDB028) contains.

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Color

Hex(FDB028)

Conversions

Conversions Part 1

Format	Color
Hex	FDB028
RGB	253, 176, 40
RGB Percent	99%, 69%, 16%
CMY	0.0078, 0.3098, 0.8431
CMYK	0.00, 0.30, 0.84, 0.01
HSL	38°, 98%, 57%
HSV	38°, 84%, 99%
XYZ	56.4163, 52.0865, 9.0877
YIQ	183.5190, 89.5480, -25.9720

Conversions

Conversions Part 2

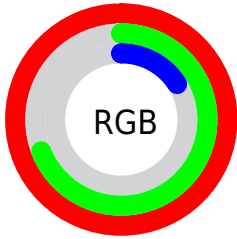
Format	Color
RYB	161, 253, 40
Decimal	16625704
CIELab	77.33, 17.91, 73.51
CIELCh	77, 75.664, 76.310
Yxy	52.0865, 0.4798, 0.4429
Android (android.graphics.Color)	4294815784 (0xFFFD028)
YUV	183.5190, -70.7549, 60.9348
Hunter-Lab	72.1710, 13.2349, 43.0539

Details

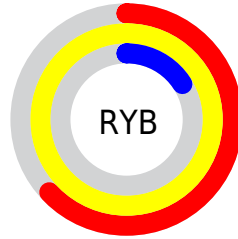
The Hex color **FDB028** is a light color, and the websafe version is hex **FF9900**. The color can be described as light washed orange. A complement of this color would be **2875FD**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFE763**, and **BF7C00** is the 20% darker color. If you saturate the color by 10%, you get **FDA70F**, and if you desaturate by 10%, it is **FDB941**.

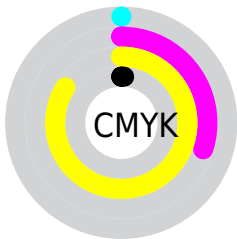
Distribution



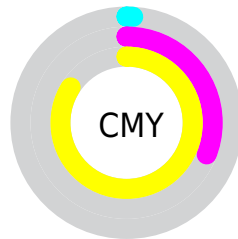
- Red (99%)
- Green (69%)
- Blue (16%)



- Red (63%)
- Yellow (99%)
- Blue (16%)



- Cyan (0%)
- Magenta (30%)
- Yellow (84%)
- Black (1%)



- Cyan (1%)
- Magenta (31%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDB028 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 FDB028 by changing the saturation by 10% instead.

 FDB028

 FDB028

FFFFFF

 DE9500

 FFE763

 BF7C00

 FFFF7F

 A06300

 FFFF9B

 834B00

 FFFFB8

 653400

 FFFFD4

 491F00

 FFFFF2

 2F0A00

 100000

 000000

 FDB028

 FDB028

 FDA70F

 FDB941

 FDA200

 FDC25B

 FDCB74

 FDD58D

 FDDEA7

 FDE7C0

 FDF0D9

 FDF9F2

FDFFFF

Harmonies

Analogous

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



FF935C



FDB028



BEC722

Triad

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



FDB028



00E0E4



F39BFF

Complementary

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



FDB028



2875FD

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.



7EBAFF



FDB028



00DCFF

Square

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



FDB028



00DE9B



00D0FF



FF80E2

Rectangle

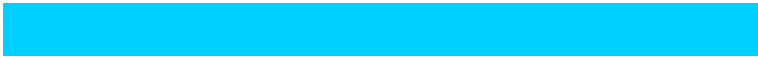
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDB028



8BD243



00D0FF



D4A6FF

Sweetspot

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



FDB028



FFE8BF



FD2876



807259



000000



808080

Same Dimension

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



FDB028



FFA300



E1FD28



807B73



BF7A00



402900

Inverse Universe

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



2875FD



005CFF



4428FD



737780



0045BF



001740

Previews

White Background



This preview shows how the Hex color FDB028 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 FDB028 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 FDB028 Background



This preview shows how black text looks on a background with the Hex color FDB028.



This preview shows how white text looks on a background with the Hex color FDB028.

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
FDB028

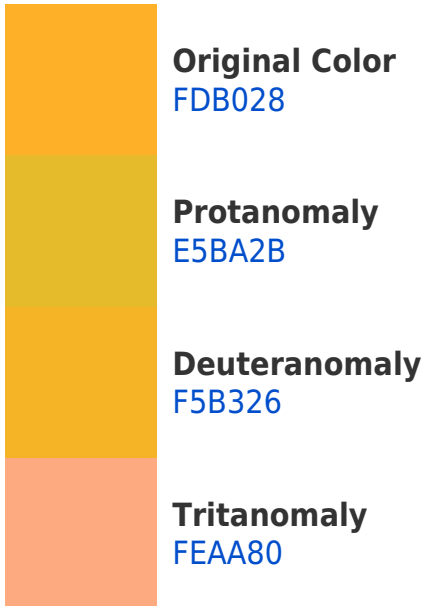
Protanopia
D7C02C

Deuteranopia
F1B525

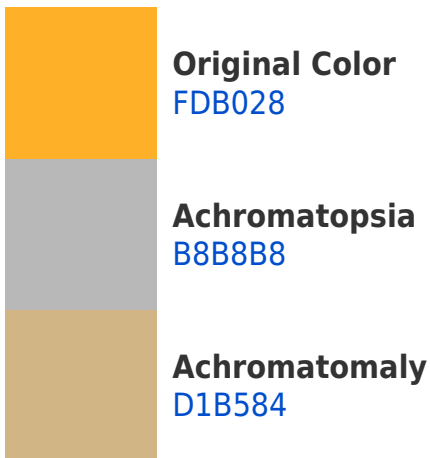


Tritanopia
FFA7B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FDB028 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 #FDB028 looks like.

```
.text, #text, p{  
    color:#FDB028  
}
```

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 #FDB028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDB028
}
```

Border

The CSS property to change the border of an element to Hex FDB028 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
#FDB028 }
```

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

```
.border{ border-color:#FDB028 }
```

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

Here you see how a box with a 4 pixel #FDB028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDB028; -webkit-box-shadow:4px 4px  
4px 4px #FDB028; box-shadow:4px 4px 4px  
4px #FDB028 }
```

Background

The CSS property to change the background color of an element to Hex FDB028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDB028 }
```

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

```
.background{ background-color:#FDB028 }
```

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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