

# Converting Colors

Hex(D5B430)

Have a look what the booklet for  
Hex(D5B430) contains.

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**Color**

**Hex(D5B430)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5B430
RGB	213, 180, 48
RGB Percent	84%, 71%, 19%
CMY	0.1647, 0.2941, 0.8118
CMYK	0.00, 0.15, 0.77, 0.16
HSL	48°, 66%, 51%
HSV	48°, 77%, 84%
XYZ	44.2953, 47.0021, 9.5340
YIQ	174.8190, 62.0400, -34.0560

# Conversions

## Conversions Part 2

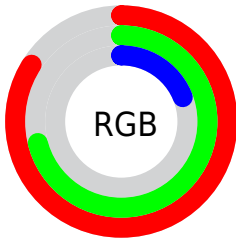
Format	Color
<b>RYB</b>	89, 213, 48
Decimal	14005296
CIELab	74.19, -1.10, 66.69
CIELCh	74, 66.700, 90.946
Yxy	47.0021, 0.4393, 0.4661
Android (android.graphics.Color)	4292195376 (0xFFD5B430)
YUV	174.8190, -62.5218, 33.4847
Hunter-Lab	68.5580, -4.6478, 39.7455

# Details

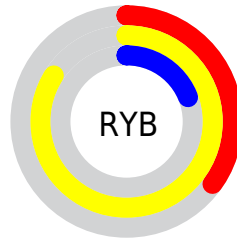
The Hex color **D5B430** is a light color, and the websafe version is hex **CC9900**. The color can be described as light muted orange. A complement of this color would be **3051D5**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFEB68**, and **9A8000** is the 20% darker color. If you saturate the color by 10%, you get **D5B01B**, and if you desaturate by 10%, it is **D5B845**.

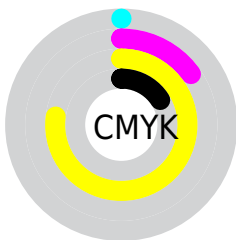
# Distribution



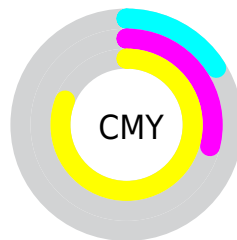
- Red (84%)
- Green (71%)
- Blue (19%)



- Red (35%)
- Yellow (84%)
- Blue (19%)



- Cyan (0%)
- Magenta (15%)
- Yellow (77%)
- Black (16%)



- Cyan (16%)
- Magenta (29%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5B430 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 D5B430 by changing the saturation by 10% instead.



 D5B430

 D5B430

FFFFFF

 B79909

 FFE868

 9A8000

 FFFF84

 7D6700

 FFFFA0

 624F00

 FFFFBC

 463900

 FFFFD9

 2D2400

 FFFFF6

 130F00

 000000

 D5B430

 D5B430

 D5B01B

 D5B845

 D5AB05

 D5BD5B

 D5AA00

 D5C170

 D5C585

 D5C99B

 D5CEB0

 D5D2C5

 D5D6DA

 D5DAF0

# Harmonies

## Analogous

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



FF9D4A



D5B430



97C545

# Triad

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



D5B430



00D3F4



FF8CF3

# Complementary

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



D5B430



3051D5

# 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.



BAA5FF



D5B430



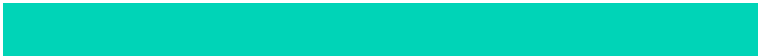
00CCFF

# Square

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



D5B430



00D4B7



00BDFE



FF7DB7

# Rectangle

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



D5B430



62CD65



00BDFF



EF94FF



# Sweetspot

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



D5B430



FFF3C4



D53051



80785C



000000



808080



# Same Dimension

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



D5B430



FFD012



A4D530



6B6960



AB8900



2B2300



# Inverse Universe

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



3051D5



1241FF



6130D5



60636B



0022AB



00092B



# Previews

## White Background



This preview shows how the Hex color D5B430 looks on a white background.

## Color Contrast Check

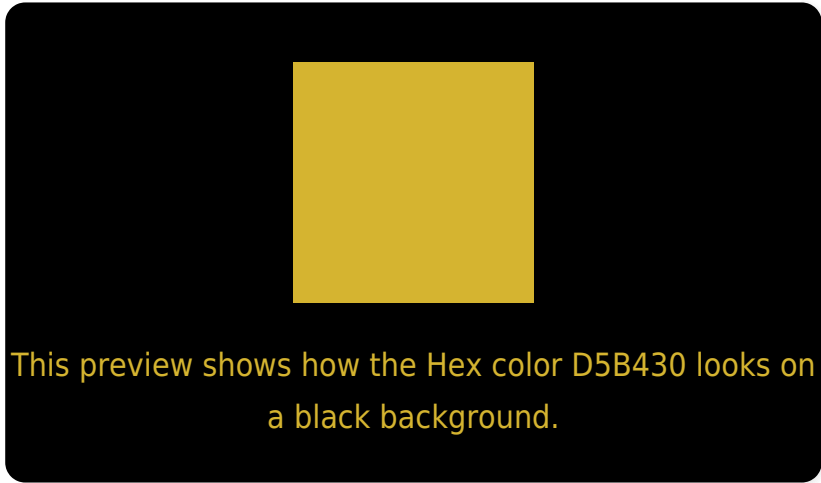
Large Text (above 18pt) WCAG AA × Fail

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 D5B430 Background



This preview shows how black text looks on a background with the Hex color D5B430.



This preview shows how white text looks on a background with the Hex color D5B430.

# 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**  
D5B430

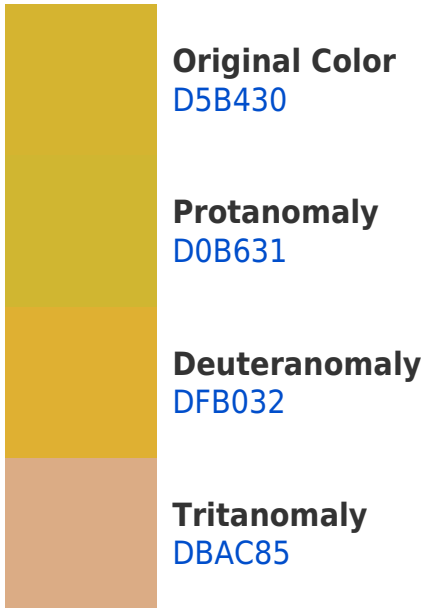
**Protanopia**  
CDB731

**Deuteranopia**  
E5AD33

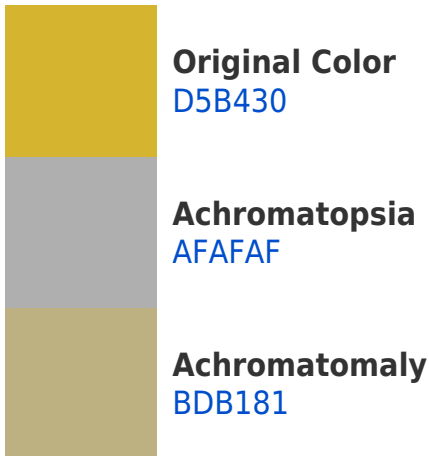


**Tritanopia**  
DEA8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5B430 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 #D5B430 looks like.

```
.text, #text, p{  
    color:#D5B430  
}
```

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 #D5B430 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5B430
}
```

## Border

The CSS property to change the border of an element to Hex D5B430 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
#D5B430 }
```

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

```
.border{ border-color:#D5B430 }
```

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

Here you see how a box with a 4 pixel #D5B430 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5B430; -webkit-box-shadow:4px 4px  
4px 4px #D5B430; box-shadow:4px 4px 4px  
4px #D5B430 }
```

# Background

The CSS property to change the background color of an element to Hex D5B430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5B430 }
```

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

```
.background{ background-color:#D5B430 }
```

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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