

# Converting Colors

Hex(D5A025)

Have a look what the booklet for  
Hex(D5A025) contains.

<b>Hex(D5A025)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D5A025)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5A025
RGB	213, 160, 37
RGB Percent	84%, 63%, 15%
CMY	0.1647, 0.3725, 0.8549
CMYK	0.00, 0.25, 0.83, 0.16
HSL	42°, 70%, 49%
HSV	42°, 83%, 84%
XYZ	40.3453, 39.4213, 7.2329
YIQ	161.8250, 71.0710, -27.0170

# Conversions

## Conversions Part 2

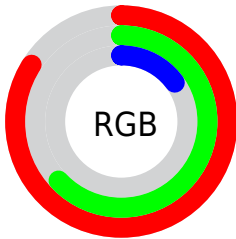
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 213, 37
Decimal	14000165
CIELab	69.06, 9.15, 65.65
CIELCh	69, 66.283, 82.064
Yxy	39.4213, 0.4637, 0.4531
Android (android.graphics.Color)	4292190245 (0xFFD5A025)
YUV	161.8250, -61.5387, 44.8805
Hunter-Lab	62.7864, 4.8244, 37.1203

# Details

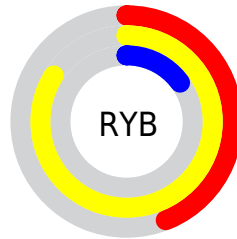
The Hex color **D5A025** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **255AD5**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFD65E**, and **996D00** is the 20% darker color. If you saturate the color by 10%, you get **D59A10**, and if you desaturate by 10%, it is **D5A63A**.

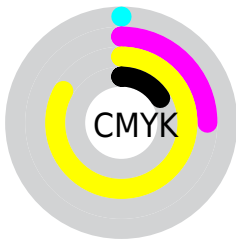
# Distribution



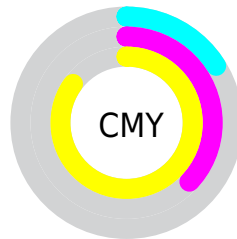
- Red (84%)
- Green (63%)
- Blue (15%)



- Red (44%)
- Yellow (84%)
- Blue (15%)



- Cyan (0%)
- Magenta (25%)
- Yellow (83%)
- Black (16%)



- Cyan (16%)
- Magenta (37%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5A025 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 D5A025 by changing the saturation by 10% instead.



 D5A025

 D5A025

FFFFFF

 B78600

 FFD65E

 996D00

 FFF379

 7D5500

 FFFF95

 603E00

 FFFFB1

 452800

 FFFFCD

 2B1400

 FFFFEA

 0D0000

 000000

 D5A025

 D5A025

 D59A10

 D5A63A

 D59500

 D5AD50

 D5B365

 D5BA7A

 D5C090

 D5C6A5

 D5CDBA

 D5D3CF

 D5DAE5

# Harmonies

## Analogous

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



FF884A



D5A025



9DB32C

# Triad

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



D5A025



00C5D4



E285F3

# Complementary

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



D5A025



255AD5

# 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.



8C9FFF



D5A025



00C0FF

# Square

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



D5A025



00C496



00B4FF



FF71BB

# Rectangle

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



D5A025



6EBB49



00B4FF



CB8EFF



# Sweetspot

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



D5A025



FFECBF



D5255D



807459



000000



808080



# Same Dimension

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



D5A025



FFB303



B5D525



6B6860



AB7700



2B1E00



# Inverse Universe

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



255AD5



034FFF



4525D5



60646B



0033AB



000D2B



# Previews

## White Background



This preview shows how the Hex color D5A025 looks on a white background.

## Color Contrast Check

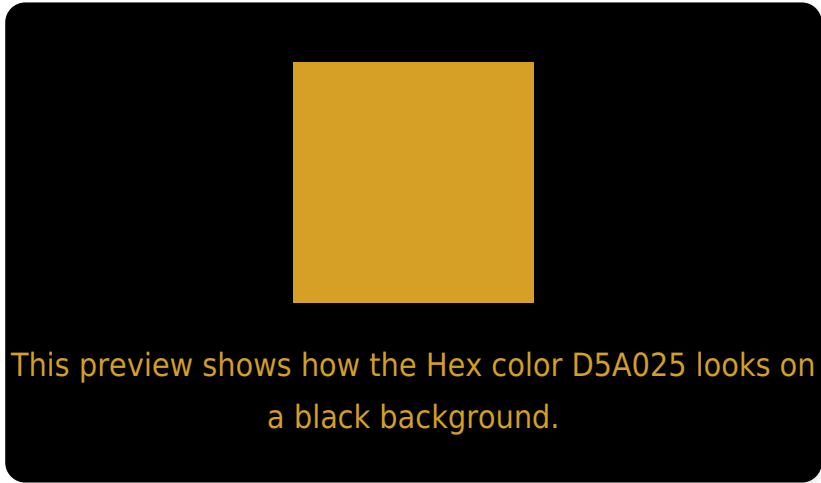
Large Text (above 18pt) WCAG AA × Fail

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 D5A025 Background



This preview shows how black text looks on a background with the Hex color D5A025.



This preview shows how white text looks on a background with the Hex color D5A025.

# 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**  
D5A025

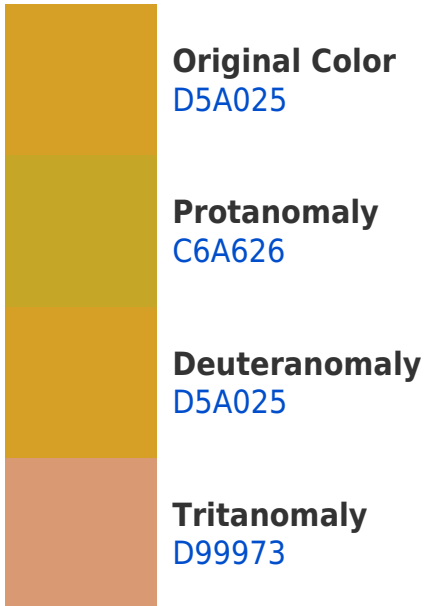
**Protanopia**  
BEA927

**Deuteranopia**  
D5A025

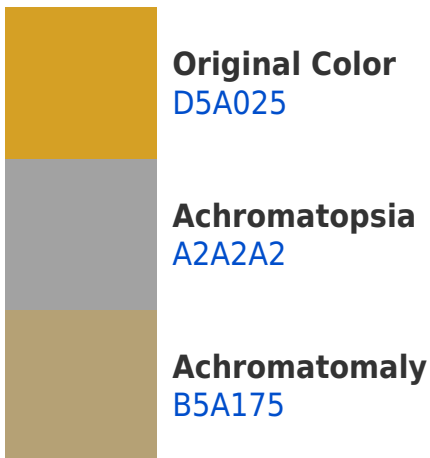


**Tritanopia**  
DC95A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5A025 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 #D5A025 looks like.

```
.text, #text, p{  
    color:#D5A025  
}
```

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 #D5A025 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5A025
}
```

## Border

The CSS property to change the border of an element to Hex D5A025 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
#D5A025 }
```

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

```
.border{ border-color:#D5A025 }
```

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

Here you see how a box with a 4 pixel #D5A025 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5A025; -webkit-box-shadow:4px 4px  
4px 4px #D5A025; box-shadow:4px 4px 4px  
4px #D5A025 }
```

# Background

The CSS property to change the background color of an element to Hex D5A025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5A025 }
```

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

```
.background{ background-color:#D5A025 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor