

# Converting Colors

Hex(7DBF05)

Have a look what the booklet for  
Hex(7DBF05) contains.

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**Color**

**Hex(7DBF05)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DBF05
RGB	125, 191, 5
RGB Percent	49%, 75%, 2%
CMY	0.5098, 0.2510, 0.9804
CMYK	0.35, 0.00, 0.97, 0.25
HSL	81°, 95%, 38%
HSV	81°, 97%, 75%
XYZ	27.1156, 41.6325, 6.7503
YIQ	150.0620, 20.3700, -71.8380

# Conversions

## Conversions Part 2

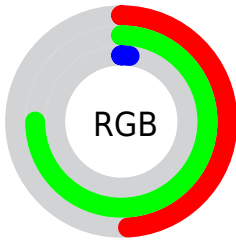
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 191, 71
Decimal	8240901
CIELab	70.62, -44.20, 70.18
CIELCh	71, 82.939, 122.200
Yxy	41.6325, 0.3592, 0.5514
Android (android.graphics.Color)	4286430981 (0xFF7DBF05)
YUV	150.0620, -71.5156, -21.9794
Hunter-Lab	64.5233, -37.9018, 38.9635

# Details

The Hex color **7DBF05** is a dark color, and the websafe version is hex **99CC00**. A complement of this color would be **4705BF**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B7F851**, and **438900** is the 20% darker color. If you saturate the color by 10%, you get **7BBF00**, and if you desaturate by 10%, it is **84BF18**.

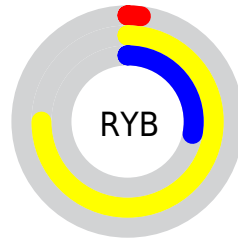
# Distribution



Red (49%)

Green (75%)

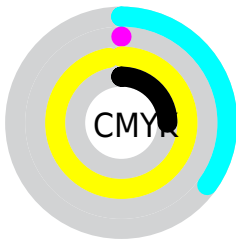
Blue (2%)



Red (2%)

Yellow (75%)

Blue (28%)

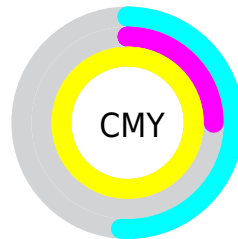


Cyan (35%)

Magenta (0%)

Yellow (97%)

Black (25%)



Cyan (51%)

Magenta (25%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DBF05 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 7DBF05 by changing the saturation by 10% instead.



 7DBF05

 7DBF05

FFFFFF

 60A400

 B7F851

 438900

 D4FF6E

 246F00

 F2FF8A

 005600

 FFFFA7

 003E00

 FFFFC4

 002900

 FFFFE1

 000400

 000000


 7DBF05

 7DBF05

 7BBF00

 84BF18

 8BBF2B

 91BF3E

 98BF51

 9FBF65

 A6BF78

 ACBF8B

 B3BF9E

 BABFB1

# Harmonies

## Analogous

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



CAAB00



7DBF05



00CA62

# Triad

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



7DBF05



00C6FF



FF59AA

# Complementary

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



7DBF05



4705BF

# 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.



FF70F5



7DBF05



00B4FF

# Square

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



7DBF05



00CEFC



B096FF



FF6A61

# Rectangle

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



7DBF05



00CE96



B096FF



FF5CC4



# Sweetspot

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



7DBF05



DEF7B0



BF4605



6D7D51



FCFCFC



7D7D7D



# Same Dimension

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



7DBF05



A0F700



21BF05



5B5E55



669E00



141F00



# Inverse Universe

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



4705BF



5800F7



A305BF



58555E



38009E



0B001F



# Previews

## White Background



This preview shows how the Hex color 7DBF05 looks on a white background.

## Color Contrast Check

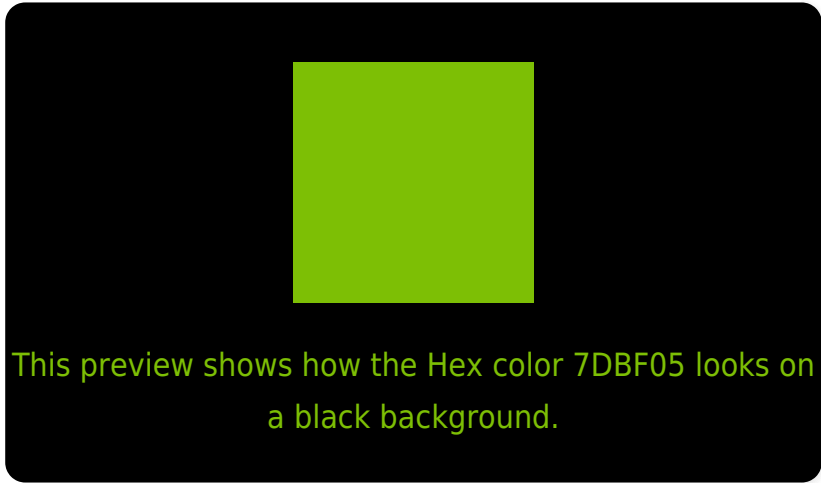
Large Text (above 18pt) WCAG AA × Fail

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 7DBF05 Background



This preview shows how black text looks on a background with the Hex color 7DBF05.

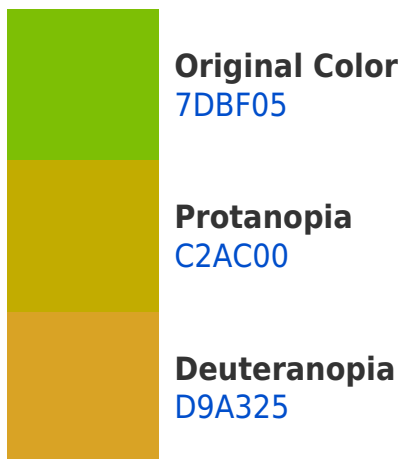


This preview shows how white text looks on a background with the Hex color 7DBF05.

# 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





**Tritanopia**  
91B2C0

# Trichromacy



**Original Color**  
7DBF05

**Protanomaly**  
A9B302

**Deuteranomaly**  
B8AD19

**Tritanomaly**  
8AB77C

# Monochromacy



**Original Color**  
7DBF05

**Achromatopsia**  
969696

**Achromatomaly**  
8DA561

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DBF05 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 #7DBF05 looks like.

```
.text, #text, p{  
    color:#7DBF05  
}
```

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 #7DBF05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DBF05
}
```

## Border

The CSS property to change the border of an element to Hex 7DBF05 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
#7DBF05 }
```

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

```
.border{ border-color:#7DBF05 }
```

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

Here you see how a box with a 4 pixel #7DBF05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DBF05; -webkit-box-shadow:4px 4px  
4px 4px #7DBF05; box-shadow:4px 4px 4px  
4px #7DBF05 }
```

# Background

The CSS property to change the background color of an element to Hex 7DBF05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DBF05 }
```

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

```
.background{ background-color:#7DBF05 }
```

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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