

# Converting Colors

Hex(DDCB21)

Have a look what the booklet for  
Hex(DDCB21) contains.

<b>Hex(DDCB21)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(DDCB21)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDCB21
RGB	221, 203, 33
RGB Percent	87%, 80%, 13%
CMY	0.1333, 0.2039, 0.8706
CMYK	0.00, 0.08, 0.85, 0.13
HSL	54°, 74%, 50%
HSV	54°, 85%, 87%
XYZ	51.4492, 58.1938, 9.9597
YIQ	189.0020, 65.2980, -49.0540

# Conversions

## Conversions Part 2

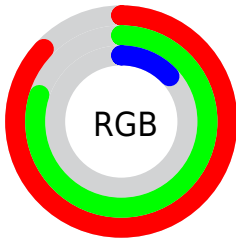
Format	Color
<b>RYB</b>	53, 221, 33
Decimal	14535457
CIELab	80.85, -9.95, 76.86
CIElCh	81, 77.504, 97.377
Yxy	58.1938, 0.4302, 0.4866
Android (android.graphics.Color)	4292725537 (0xFFDDCB21)
YUV	189.0020, -76.9090, 28.0622
Hunter-Lab	76.2849, -13.1118, 45.6585

# Details

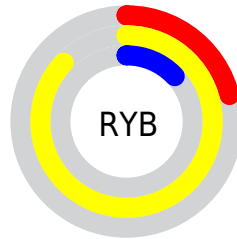
The Hex color **DDCB21** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **2133DD**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFFF61**, and **A19500** is the 20% darker color. If you saturate the color by 10%, you get **DDC90B**, and if you desaturate by 10%, it is **DDCD37**.

# Distribution



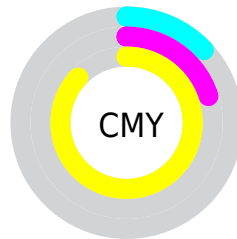
- Red (87%)
- Green (80%)
- Blue (13%)



- Red (21%)
- Yellow (87%)
- Blue (13%)



- Cyan (0%)
- Magenta (8%)
- Yellow (85%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDCB21 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 DDCB21 by changing the saturation by 10% instead.



 DDCB21

 DDCB21

FFFFFF

 BFB000

 FFFF61

 A19500

 FFFF7E

 847C00

 FFFF9B

 686300

 FFFFB8

 4C4C00

 FFFFD5

 323500

 FFFFF2

 1A2000

 000600

 000000

 DDCB21

 DDCB21

 DDC90B

 DDCD37

 DDC800

 DDCF4D

 DDD163

 DDD379

 DDD690

 DDD8A6

 DDDABC

 DDDCD2

 DDDEE8

# Harmonies

## Analogous

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



FFB13B



DDCB21



90DD4B

# Triad

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



DDCB21



00E9FF



FF8FFF

# Complementary

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



DDCB21



2133DD

# 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.



E3AEFF



DDCB21



00DFFF

# Square

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



DDCB21



00EBD9



3CCBFF



FF82BA

# Rectangle

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



DDCB21



3EE576



3CCBFF



FF98FF



# Sweetspot

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



DDCB21



FFF9BD



DD2134



807C58



000000



808080



# Same Dimension

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



DDCB21



FFE700



92DD21



6E6D63



AD9D00



2E2A00



# Inverse Universe

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



2133DD



0018FF



6C21DD



63646E



0011AD

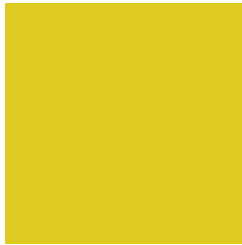


00042E



# Previews

## White Background



This preview shows how the Hex color DDCB21 looks on a white background.

## Color Contrast Check

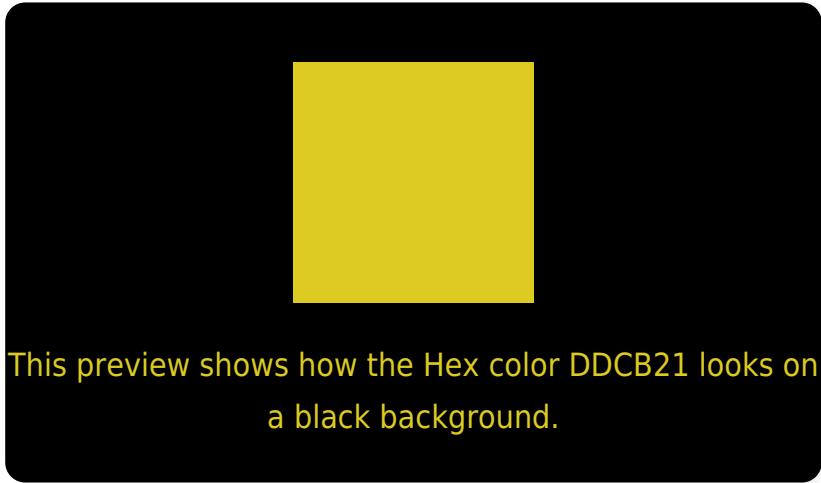
Large Text (above 18pt) WCAG AA × Fail

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 DDCB21 Background



This preview shows how black text looks on a background with the Hex color DDCB21.

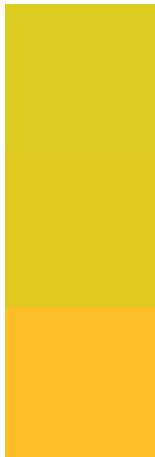


This preview shows how white text looks on a background with the Hex color DDCB21.

# 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**  
DDCB21

**Protanopia**  
E2C920

**Deuteranopia**  
FD BE2A



**Tritanopia**  
E9BDCC

# Trichromacy



**Original Color**  
DDCB21

**Protanomaly**  
E0CA20

**Deuteranomaly**  
F1C327

**Tritanomaly**  
E5C28E

# Monochromacy



**Original Color**  
DDCB21

**Achromatopsia**  
BDBDBD

**Achromatomaly**  
C9C284

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDCB21 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 #DDCB21 looks like.

```
.text, #text, p{  
    color:#DDCB21  
}
```

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 #DDCB21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDCB21
}
```

## Border

The CSS property to change the border of an element to Hex DDCB21 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
#DDCB21 }
```

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

```
.border{ border-color:#DDCB21 }
```

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

Here you see how a box with a 4 pixel #DDCB21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDCB21; -webkit-box-shadow:4px 4px  
4px 4px #DDCB21; box-shadow:4px 4px 4px  
4px #DDCB21 }
```

# Background

The CSS property to change the background color of an element to Hex DDCB21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDCB21 }
```

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

```
.background{ background-color:#DDCB21 }
```

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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