

# Converting Colors

Hex(D8BD15)

Have a look what the booklet for  
Hex(D8BD15) contains.

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# **Color**

**Hex(D8BD15)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8BD15
RGB	216, 189, 21
RGB Percent	85%, 74%, 8%
CMY	0.1529, 0.2588, 0.9176
CMYK	0.00, 0.12, 0.90, 0.15
HSL	52°, 82%, 46%
HSV	52°, 90%, 85%
XYZ	46.6519, 51.0483, 8.1040
YIQ	177.9210, 70.0200, -46.5240

# Conversions

## Conversions Part 2

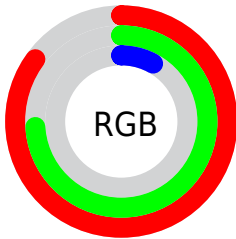
Format	Color
<a href="#">RYB</a>	<a href="#">52, 216, 21</a>
Decimal	<a href="#">14204181</a>
CIELab	<a href="#">76.71, -5.20, 75.71</a>
CIELCh	<a href="#">77, 75.892, 93.925</a>
Yxy	<a href="#">51.0483, 0.4409, 0.4825</a>
Android (android.graphics.Color)	<a href="#">4292394261</a> ( <a href="#">0xFFD8BD15</a> )
YUV	<a href="#">177.9210, -77.3621, 33.3953</a>
Hunter-Lab	<a href="#">71.4481, -8.4829, 43.2887</a>

# Details

The Hex color **D8BD15** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **1530D8**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFF559**, and **9C8800** is the 20% darker color. If you saturate the color by 10%, you get **D8BA00**, and if you desaturate by 10%, it is **D8C02B**.

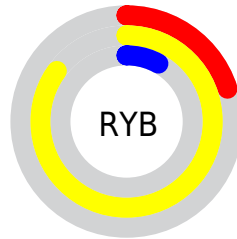
# Distribution



Red (85%)

Green (74%)

Blue (8%)



Red (20%)

Yellow (85%)

Blue (8%)

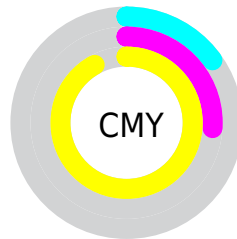


Cyan (0%)

Magenta (12%)

Yellow (90%)

Black (15%)



Cyan (15%)

Magenta (26%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8BD15 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 D8BD15 by changing the saturation by 10% instead.



 D8BD15

 D8BD15

FFFFFF

 BAA200

 FFF559

 9C8800

 FFFF76

 806F00

 FFFF92

 635700

 FFFFAF

 484000

 FFFFCC

 2E2A00

 FFFFEE

 151700

 000000

 D8BD15

 D8BD15

 D8BA00

 D8C02B

 D8C340

 D8C656

 D8C96B

 D8CC81

 D8CF97

 D8D2AC

 D8D5C2

 D8D8D7

# Harmonies

## Analogous

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



FFA339



D8BD15



90CF3D

# Triad

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



D8BD15



00DDFF



FF87FC

# Complementary

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



D8BD15



1530D8

# 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.



CAA7FF



D8BD15



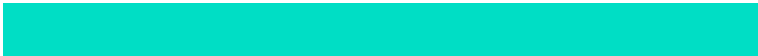
00D5FF

# Square

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



D8BD15



00DEC5



00C3FF



FF78B7

# Rectangle

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



D8BD15



48D766



00C3FF



FF91FF



# Sweetspot

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



D8BD15



FFF5BA



D81532



807A57



000000



808080



# Same Dimension

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



D8BD15



FFDC00



94D815



6B6A60



AB9300



2B2500



# Inverse Universe

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



1530D8



0023FF



5915D8



60626B



0018AB



00062B



# Previews

## White Background



This preview shows how the Hex color D8BD15 looks on a white background.

## Color Contrast Check

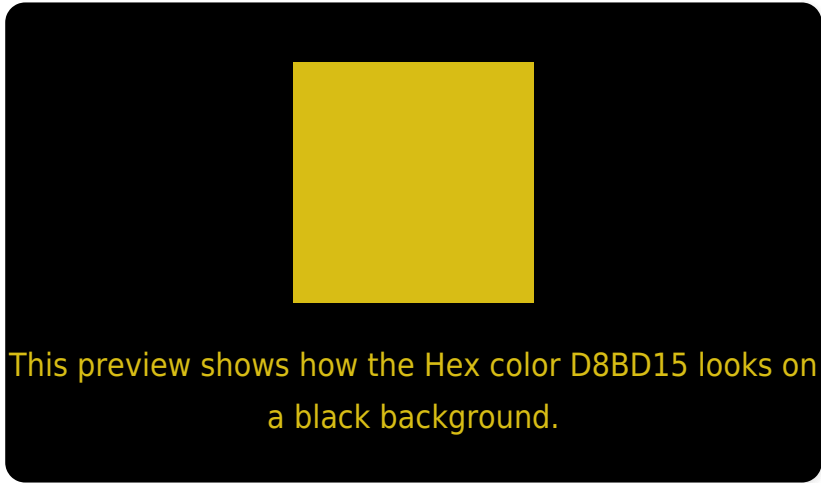
Large Text (above 18pt) WCAG AA × Fail

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 D8BD15 Background



This preview shows how black text looks on a background with the Hex color D8BD15.



This preview shows how white text looks on a background with the Hex color D8BD15.

# 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**  
D8BD15

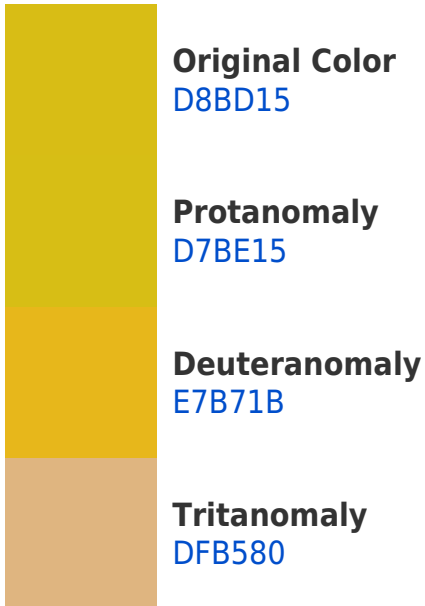
**Protanopia**  
D6BE15

**Deuteranopia**  
EFB41E

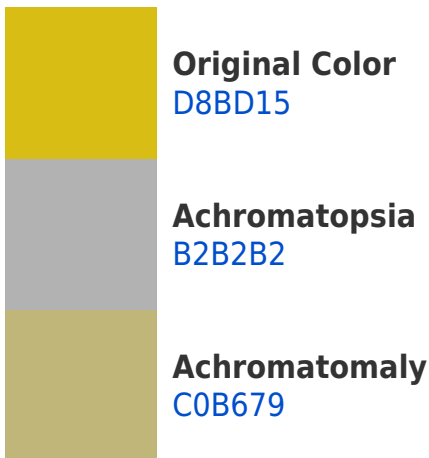


**Tritanopia**  
E3B0BD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8BD15 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 #D8BD15 looks like.

```
.text, #text, p{  
    color:#D8BD15  
}
```

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 #D8BD15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8BD15
}
```

## Border

The CSS property to change the border of an element to Hex D8BD15 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
#D8BD15 }
```

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

```
.border{ border-color:#D8BD15 }
```

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

Here you see how a box with a 4 pixel #D8BD15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8BD15; -webkit-box-shadow:4px 4px  
4px 4px #D8BD15; box-shadow:4px 4px 4px  
4px #D8BD15 }
```

# Background

The CSS property to change the background color of an element to Hex D8BD15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8BD15 }
```

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

```
.background{ background-color:#D8BD15 }
```

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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