

Converting Colors

Hex(D5CB55)

Have a look what the booklet for
Hex(D5CB55) contains.

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Color

Hex(D5CB55)

Conversions

Conversions Part 1

Format	Color
Hex	D5CB55
RGB	213, 203, 85
RGB Percent	84%, 80%, 33%
CMY	0.1647, 0.2039, 0.6667
CMYK	0.00, 0.05, 0.60, 0.16
HSL	55°, 60%, 58%
HSV	55°, 60%, 84%
XYZ	50.4362, 57.5139, 17.0373
YIQ	192.5380, 43.8380, -34.5780

Conversions

Conversions Part 2

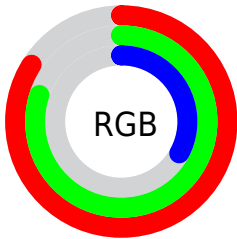
Format	Color
RYB	96, 213, 85
Decimal	14011221
CIELab	80.47, -11.01, 58.55
CIELCh	80, 59.577, 100.651
Yxy	57.5139, 0.4035, 0.4602
Android (android.graphics.Color)	4292201301 (0xFFD5CB55)
YUV	192.5380, -53.0162, 17.9452
Hunter-Lab	75.8379, -14.0044, 39.7668

Details

The Hex color **D5CB55** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **55FD5**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFFF8B**, and **9B951C** is the 20% darker color. If you saturate the color by 10%, you get **D5C940**, and if you desaturate by 10%, it is **D5CD6A**.

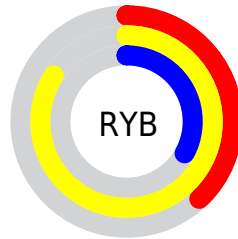
Distribution



Red (84%)

Green (80%)

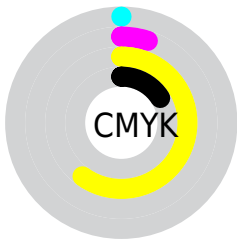
Blue (33%)



Red (38%)

Yellow (84%)

Blue (33%)

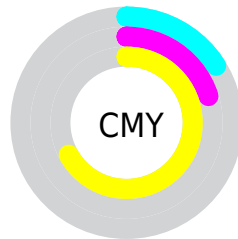


Cyan (0%)

Magenta (5%)

Yellow (60%)

Black (16%)



Cyan (16%)

Magenta (20%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5CB55 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 D5CB55 by changing the saturation by 10% instead.

 D5CB55

 D5CB55

FFFFFF

 B8B03A

 FFFF8B

 9B951C

 FFFFA7

 7F7C00

 FFFFC3

 646300

 FFFFDF

 4A4B00

FFFFFFD

 303500

 172000

 000300

 000000

 D5CB55

 D5CB55

 D5C940

 D5CD6A

 D5C82A

 D5CE80

 D5C615

 D5D095

 D5C400

 D5D2AA

 D5D3C0

 D5D5D5

 D5D7EA

 D5D8FF

 D5DAFF

Harmonies

Analogous

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



FFB85D



D5CB55



98D970

Triad

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



D5CB55



00E1FF



FF9EEE

Complementary

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



D5CB55



555FD5

Split Complementary

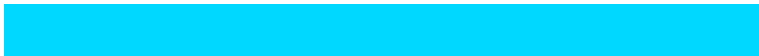
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E6B1FF



D5CB55



00D8FF

Square

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



D5CB55



00E4DA



8BC7FF



FF98B6

Rectangle

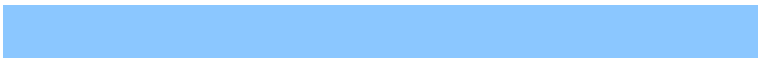
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D5CB55



64DF8F



8BC7FF



FFA3FF

Sweetspot

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



D5CB55



FFFBD1



D55560



807D63



000000



808080

Same Dimension

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



D5CB55



FFF147



A0D555



6B6A60



AB9E00



2B2800

Inverse Universe

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



555FD5



4756FF



8A55D5



60616B



000DAB



00032B

Previews

White Background



This preview shows how the Hex color D5CB55 looks on a white background.

Color Contrast Check

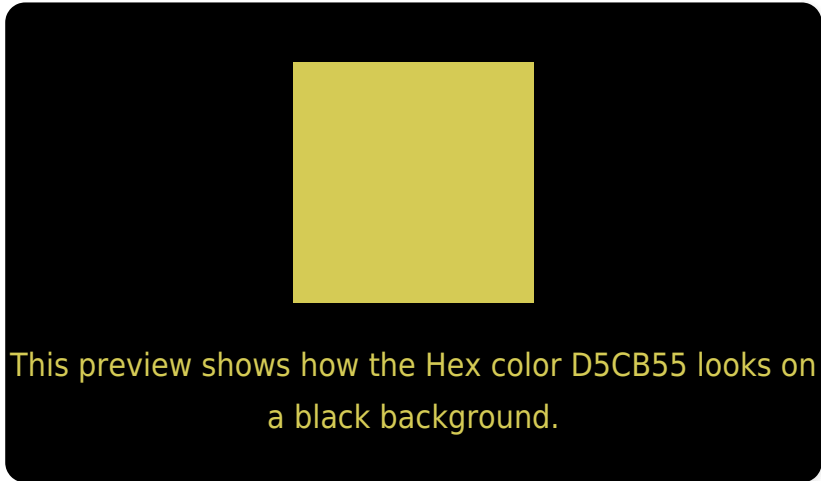
Large Text (above 18pt) WCAG AA × Fail

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 D5CB55 Background



This preview shows how black text looks on a background with the Hex color D5CB55.



This preview shows how white text looks on a background with the Hex color D5CB55.

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
D5CB55

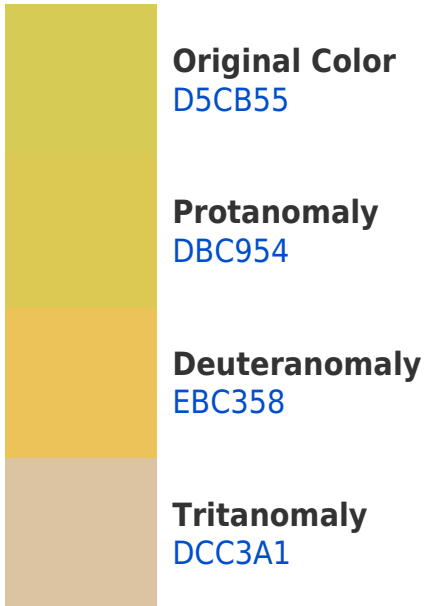
Protanopia
DEC854

Deuteranopia
F7BE59

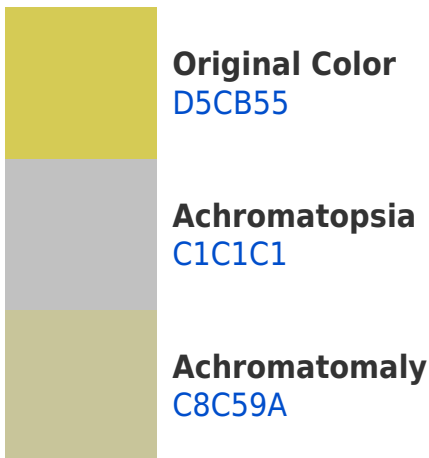


Tritanopia
E0BFCD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D5CB55 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 #D5CB55 looks like.

```
.text, #text, p{  
    color:#D5CB55  
}
```

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 #D5CB55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5CB55
}
```

Border

The CSS property to change the border of an element to Hex D5CB55 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
#D5CB55 }
```

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

```
.border{ border-color:#D5CB55 }
```

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

Here you see how a box with a 4 pixel #D5CB55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5CB55; -webkit-box-shadow:4px 4px  
4px 4px #D5CB55; box-shadow:4px 4px 4px  
4px #D5CB55 }
```

Background

The CSS property to change the background color of an element to Hex D5CB55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5CB55 }
```

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

```
.background{ background-color:#D5CB55 }
```

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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