

Converting Colors

Hex(D5B040)

Have a look what the booklet for
Hex(D5B040) contains.

Hex(D5B040)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D5B040)

Conversions

Conversions Part 1

Format	Color
Hex	D5B040
RGB	213, 176, 64
RGB Percent	84%, 69%, 25%
CMY	0.1647, 0.3098, 0.7490
CMYK	0.00, 0.17, 0.70, 0.16
HSL	45°, 64%, 54%
HSV	45°, 70%, 84%
XYZ	43.8913, 45.5670, 11.3325
YIQ	174.2950, 58.0040, -26.9880

Conversions

Conversions Part 2

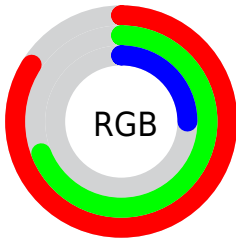
Format	Color
RYB	113, 213, 64
Decimal	14004288
CIELab	73.26, 1.71, 59.83
CIELCh	73, 59.850, 88.359
Yxy	45.5670, 0.4355, 0.4521
Android (android.graphics.Color)	4292194368 (0xFFD5B040)
YUV	174.2950, -54.3754, 33.9443
Hunter-Lab	67.5033, -2.0683, 37.2987

Details

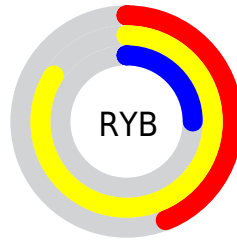
The Hex color **D5B040** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4065D5**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFE776**, and **9A7C00** is the 20% darker color. If you saturate the color by 10%, you get **D5AB2B**, and if you desaturate by 10%, it is **D5B555**.

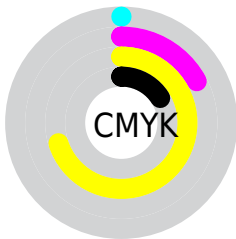
Distribution



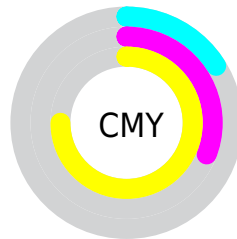
- Red (84%)
- Green (69%)
- Blue (25%)



- Red (44%)
- Yellow (84%)
- Blue (25%)



- Cyan (0%)
- Magenta (17%)
- Yellow (70%)
- Black (16%)



- Cyan (16%)
- Magenta (31%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5B040 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 D5B040 by changing the saturation by 10% instead.

 D5B040

 D5B040

FFFFFF

 B79624

 FFE776

 9A7C00

 FFFF91

 7E6300

 FFFFAC

 634C00

 FFFFC9

 473500

 FFFFEE

 2E2000

 140A00

 000000

 D5B040

 D5B040

 D5AB2B

 D5B555

 D5A515

 D5BB6B

 D5A000

 D5C080

 D5C595

 D5CAAB

 D5D0C0

 D5D5D5

 D5DAEA

 D5E0FF

Harmonies

Analogous

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



FF9B57



D5B040



9EC04E

Triad

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



D5B040



00CEE6



F491EE

Complementary

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



D5B040



4065D5

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.



B1A7FF



D5B040



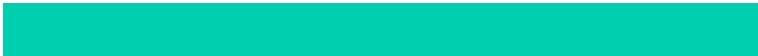
00C8FF

Square

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



D5B040



00CF AF



29BBFF



FF83B9

Rectangle

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



D5B040



72C768



29BBFF



E298FD

Sweetspot

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



D5B040



FFF2C9



D54065



807860



000000



808080

Same Dimension

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



D5B040



FFCA29



B0D540



6B6860



AB8000



2B2100

Inverse Universe

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



4065D5



295EFF



6540D5



60636B



002AAB



000B2B

Previews

White Background



This preview shows how the Hex color D5B040 looks on a white background.

Color Contrast Check

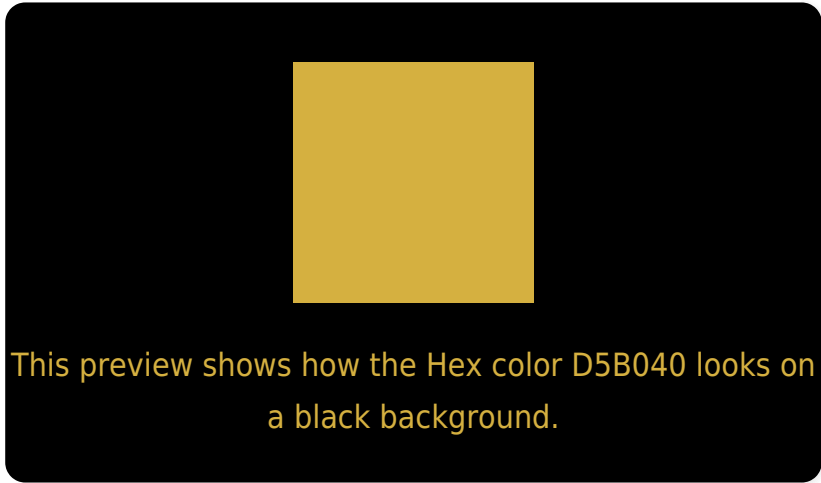
Large Text (above 18pt) WCAG AA × Fail

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 D5B040 Background



This preview shows how black text looks on a background with the Hex color D5B040.



This preview shows how white text looks on a background with the Hex color D5B040.

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
D5B040

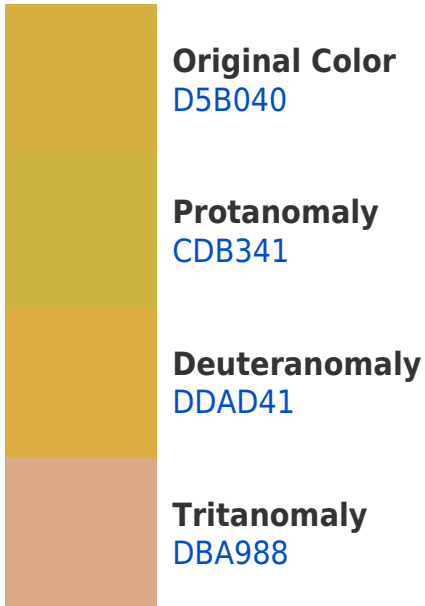
Protanopia
C9B441

Deuteranopia
E1AB42

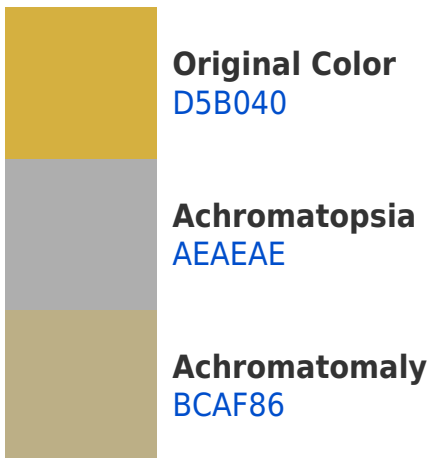


Tritanopia
DEA5B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D5B040 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 #D5B040 looks like.

```
.text, #text, p{  
    color:#D5B040  
}
```

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 #D5B040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5B040
}
```

Border

The CSS property to change the border of an element to Hex D5B040 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
#D5B040 }
```

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

```
.border{ border-color:#D5B040 }
```

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

Here you see how a box with a 4 pixel #D5B040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5B040; -webkit-box-shadow:4px 4px  
4px 4px #D5B040; box-shadow:4px 4px 4px  
4px #D5B040 }
```

Background

The CSS property to change the background color of an element to Hex D5B040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5B040 }
```

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

```
.background{ background-color:#D5B040 }
```

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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