

Converting Colors

Hex(D5964B)

Have a look what the booklet for
Hex(D5964B) contains.

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Color

Hex(D5964B)

Conversions

Conversions Part 1

Format	Color
Hex	D5964B
RGB	213, 150, 75
RGB Percent	84%, 59%, 29%
CMY	0.1647, 0.4118, 0.7059
CMYK	0.00, 0.30, 0.65, 0.16
HSL	33°, 62%, 56%
HSV	33°, 65%, 84%
XYZ	39.6169, 36.4668, 11.6074
YIQ	160.2870, 61.6230, -9.9690

Conversions

Conversions Part 2

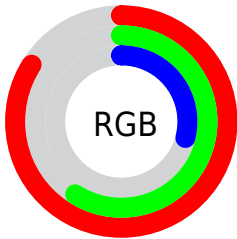
Format	Color
RYB	191, 213, 75
Decimal	13997643
CIELab	66.88, 16.27, 48.06
CIElCh	67, 50.737, 71.291
Yxy	36.4668, 0.4518, 0.4159
Android (android.graphics.Color)	4292187723 (0xFFD5964B)
YUV	160.2870, -42.0465, 46.2293
Hunter-Lab	60.3878, 11.4249, 30.8751

Details

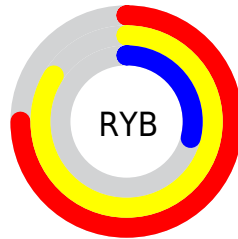
The Hex color **D5964B** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4B8AD5**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFCC7E**, and **9A6318** is the 20% darker color. If you saturate the color by 10%, you get **D58C36**, and if you desaturate by 10%, it is **D5A060**.

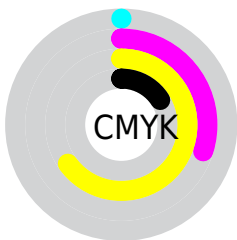
Distribution



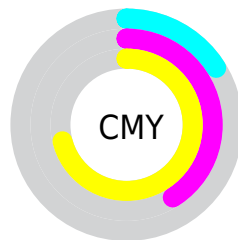
- Red (84%)
- Green (59%)
- Blue (29%)



- Red (75%)
- Yellow (84%)
- Blue (29%)



- Cyan (0%)
- Magenta (30%)
- Yellow (65%)
- Black (16%)



- Cyan (16%)
- Magenta (41%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5964B 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 D5964B by changing the saturation by 10% instead.

 D5964B

 D5964B

FFFFFF

 B77C32

 FFCC7E

 9A6318

 FFE899

 7E4B00

 FFFFB4

 623400

 FFFF00

 471F00

 FFFF00

 2C0A00

 070000

 000000

 D5964B

 D5964B

 D58C36

 D5A060

 D58320

 D5A976

 D5790B

 D5B38B

 D57400

 D5BDA0

 D5C7B5

 D5D0CB

 D5DAE0

 D5E4F5

 D5EEFF

Harmonies

Analogous

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



F08569



D5964B



ADA645

Triad

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



D5964B



00BAB3



BD90E8

Complementary

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



D5964B



4B8AD5

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.



74A2FC



D5964B



00B7DE

Square

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



D5964B



30B884



00AFF9



E880C1

Rectangle

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



D5964B



8DAE51



00AFF9



A896F1

Sweetspot

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



D5964B



FFE9CF



D54B8B



807262



000000



808080

Same Dimension

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



D5964B



FFA438



D0D54B



6B6660



AB5D00



2B1800

Inverse Universe

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



4B8AD5



3893FF



504BD5



60656B



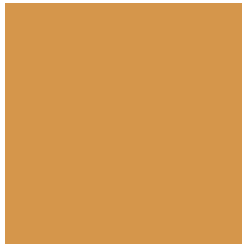
004EAB



00142B

Previews

White Background



This preview shows how the Hex color D5964B 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 D5964B Background



This preview shows how black text looks on a background with the Hex color D5964B.



This preview shows how white text looks on a background with the Hex color D5964B.

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
D5964B

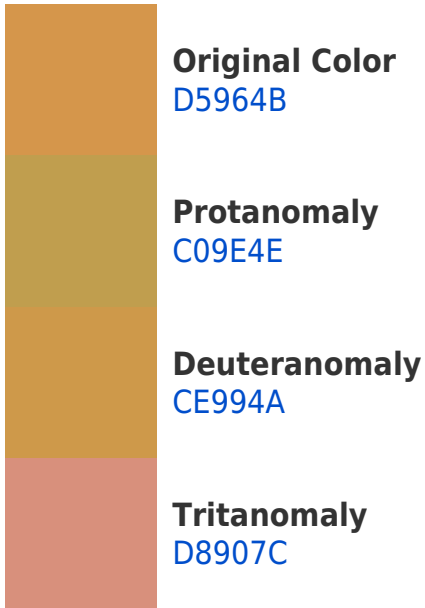
Protanopia
B4A34F

Deuteranopia
CA9B4A

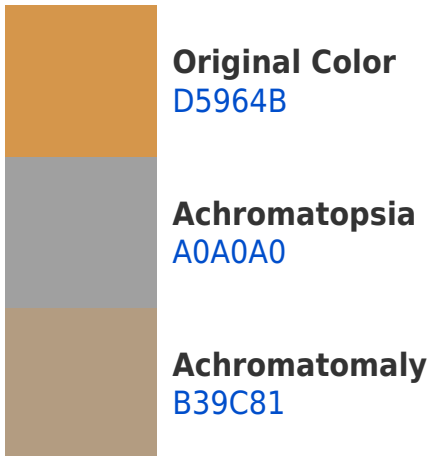


Tritanopia
DA8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D5964B 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 #D5964B looks like.

```
.text, #text, p{
  color:#D5964B
}
```

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 #D5964B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5964B
}
```

Border

The CSS property to change the border of an element to Hex D5964B 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
#D5964B }
```

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

```
.border{ border-color:#D5964B }
```

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

Here you see how a box with a 4 pixel #D5964B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5964B; -webkit-box-shadow:4px 4px  
4px 4px #D5964B; box-shadow:4px 4px 4px  
4px #D5964B }
```

Background

The CSS property to change the background color of an element to Hex D5964B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5964B }
```

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

```
.background{ background-color:#D5964B }
```

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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