

# Converting Colors

Hex(D1953A)

Have a look what the booklet for  
Hex(D1953A) contains.

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**Color**

**Hex(D1953A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1953A
RGB	209, 149, 58
RGB Percent	82%, 58%, 23%
CMY	0.1804, 0.4157, 0.7725
CMYK	0.00, 0.29, 0.72, 0.18
HSL	36°, 62%, 52%
HSV	36°, 72%, 82%
XYZ	37.8057, 35.3557, 8.8347
YIQ	156.5660, 64.9710, -15.5810

# Conversions

## Conversions Part 2

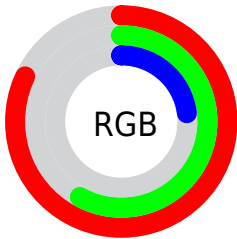
Format	Color
<a href="#">RYB</a>	<a href="#">158, 209, 58</a>
Decimal	<a href="#">13735226</a>
CIELab	<a href="#">66.02, 14.16, 54.84</a>
CIElCh	<a href="#">66, 56.636, 75.523</a>
Yxy	<a href="#">35.3557, 0.4611, 0.4312</a>
Android (android.graphics.Color)	<a href="#">4291925306 (0xFFD1953A)</a>
YUV	<a href="#">156.5660, -48.5930, 45.9846</a>
Hunter-Lab	<a href="#">59.4607, 9.4359, 32.8131</a>

# Details

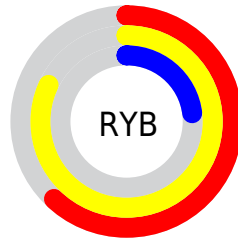
The Hex color **D1953A** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3A76D1**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFCB6E**, and **966200** is the 20% darker color. If you saturate the color by 10%, you get **D18D25**, and if you desaturate by 10%, it is **D19D4F**.

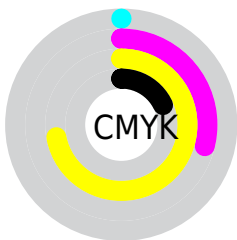
# Distribution



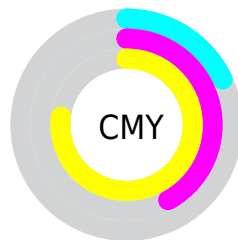
- Red (82%)
- Green (58%)
- Blue (23%)



- Red (62%)
- Yellow (82%)
- Blue (23%)



- Cyan (0%)
- Magenta (29%)
- Yellow (72%)
- Black (18%)



- Cyan (18%)
- Magenta (42%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1953A 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 D1953A by changing the saturation by 10% instead.



 D1953A

 D1953A

FFFFFF

 B37B1F

 FFCB6E

 966200

 FFE789

 794B00

 FFFFA4

 5D3400

 FFFFC0

 421F00

 FFFFDC

 290A00

 FFFFF9

 000000

 D1953A

 D1953A

 D18D25

 D19D4F

 D18410

 D1A664

 D17E00

 D1AE79

 D1B68E

 D1BFA3

 D1C7B7

 D1CFCC

 D1D7E1

 D1E0F6

# Harmonies

## Analogous

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



F2815A



D1953A



A3A637

# Triad

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



D1953A



00B9BA



C588E8

# Complementary

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



D1953A



3A76D1

# 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.



769DFF



D1953A



00B6E8

# Square

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



D1953A



00B885



00ADFF



F176BB

# Rectangle

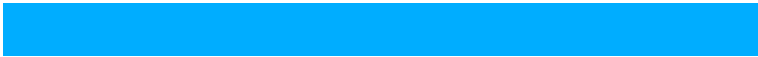
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D1953A



7EAE49



00ADFF



AF8FF4



# Sweetspot

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



D1953A



FFE9C7



D13A76



80725E



000000



808080



# Same Dimension

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



D1953A



FFA721



C2D13A



69645E



A86500



291900



# Inverse Universe

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



3A76D1



2179FF



493AD1



5E6269



0043A8



001029



# Previews

## White Background



This preview shows how the Hex color D1953A looks on a white background.

## Color Contrast Check

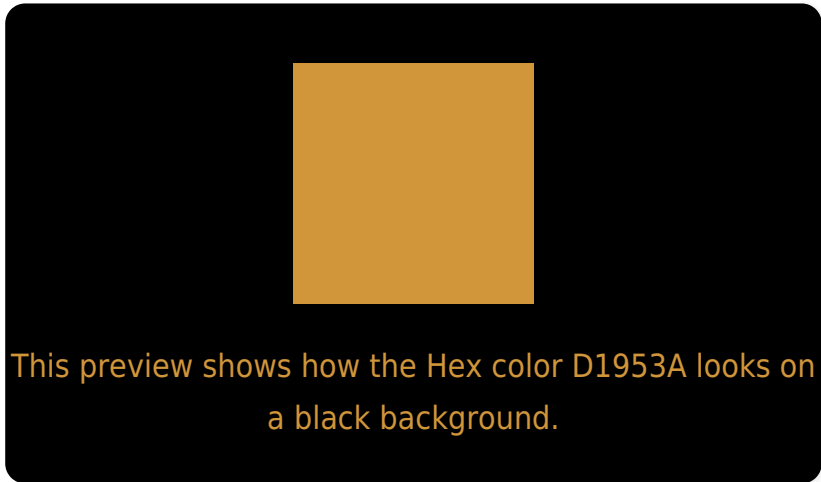
Large Text (above 18pt) WCAG AA × Fail

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 D1953A Background



This preview shows how black text looks on a background with the Hex color D1953A.



This preview shows how white text looks on a background with the Hex color D1953A.

# 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**  
D1953A

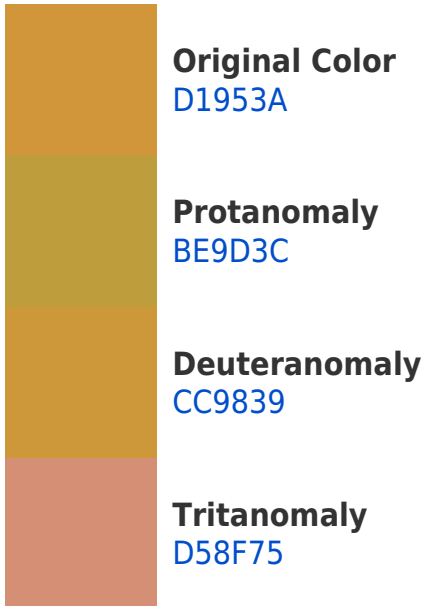
**Protanopia**  
B3A13D

**Deuteranopia**  
C99939

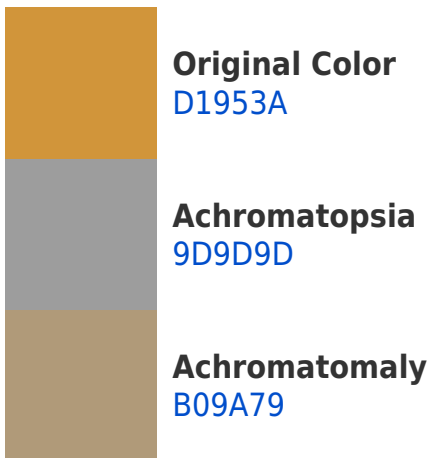


**Tritanopia**  
D78C96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1953A 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 #D1953A looks like.

```
.text, #text, p{  
    color:#D1953A  
}
```

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 #D1953A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1953A
}
```

## Border

The CSS property to change the border of an element to Hex D1953A 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
#D1953A }
```

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

```
.border{ border-color:#D1953A }
```

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

Here you see how a box with a 4 pixel #D1953A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1953A; -webkit-box-shadow:4px 4px  
4px 4px #D1953A; box-shadow:4px 4px 4px  
4px #D1953A }
```

# Background

The CSS property to change the background color of an element to Hex D1953A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1953A }
```

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

```
.background{ background-color:#D1953A }
```

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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