

# Converting Colors

Hex(D1580A)

Have a look what the booklet for  
Hex(D1580A) contains.

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**Color**

**Hex(D1580A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D1580A
RGB	209, 88, 10
RGB Percent	82%, 35%, 4%
CMY	0.1804, 0.6549, 0.9608
CMYK	0.00, 0.58, 0.95, 0.18
HSL	24°, 91%, 43%
HSV	24°, 95%, 82%
XYZ	29.8390, 20.5567, 2.6823
YIQ	115.2870, 97.1540, 1.3940

# Conversions

## Conversions Part 2

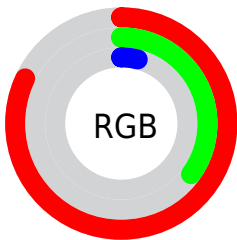
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">209, 138, 10</a>
Decimal	<a href="#">13719562</a>
CIELab	<a href="#">52.46, 44.73, 59.84</a>
CIElCh	<a href="#">52, 74.713, 53.221</a>
Yxy	<a href="#">20.5567, 0.5622, 0.3873</a>
Android (android.graphics.Color)	<a href="#">4291909642</a> ( <a href="#">0xFFD1580A</a> )
YUV	<a href="#">115.2870, -51.9065, 82.1863</a>
Hunter-Lab	<a href="#">45.3395, 38.1311, 28.2300</a>

# Details

The Hex color **D1580A** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **0A83D1**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF8D43**, and **932300** is the 20% darker color. If you saturate the color by 10%, you get **D15200**, and if you desaturate by 10%, it is **D1651F**.

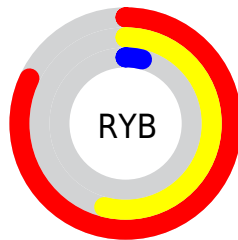
# Distribution



Red (82%)

Green (35%)

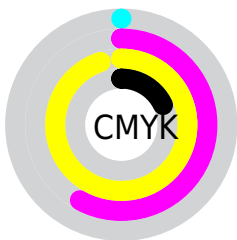
Blue (4%)



Red (82%)

Yellow (54%)

Blue (4%)

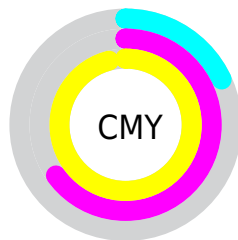


Cyan (0%)

Magenta (58%)

Yellow (95%)

Black (18%)



Cyan (18%)

Magenta (65%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1580A 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 D1580A by changing the saturation by 10% instead.



 D1580A

 D1580A

FFFFFF

 B13E00

 FF8D43

 932300

 FFA85D

 740000

 FFC477

 560000

 FFE192

 3B0001

 FFFEAE

 190001

 FFFFC4

 000000

 FFFFEE

 D1580A

 D1580A

■ D15200

■ D1651F

■ D17134

■ D17E49

■ D18B5E

■ D19872

■ D1A487

■ D1B19C

■ D1BEB1

■ D1CAC6

# Harmonies

## Analogous

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



EA344F



D1580A



A47500

# Triad

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



D1580A



00986C



5273F4

# Complementary

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



D1580A



0A83D1

# 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.



008AFE



D1580A



0099AE

# Square

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



D1580A



009327



0095E4



BA50CB

# Rectangle

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



D1580A



7E8300



0095E4



007CFC



# Sweetspot

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



D1580A



FFD2B5



D10A85



806453



000000



808080



# Same Dimension

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



D1580A



FF6400



D1BA0A



69625E



A84200



291000



# Inverse Universe

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



0A83D1



009BFF



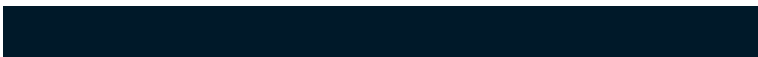
0A21D1



5E6469



0066A8



001929



# Previews

## White Background



This preview shows how the Hex color D1580A looks on a white background.

## Color Contrast Check

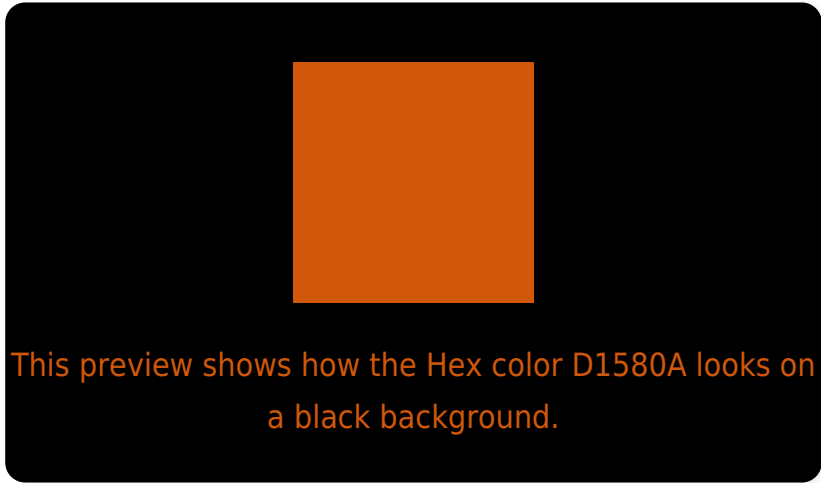
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D1580A Background



This preview shows how black text looks on a background with the Hex color D1580A.



This preview shows how white text looks on a background with the Hex color D1580A.

# 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**  
D1580A

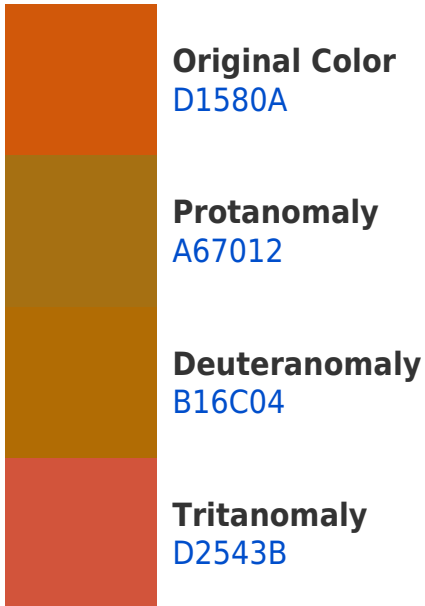
**Protanopia**  
8E7E17

**Deuteranopia**  
9F7700

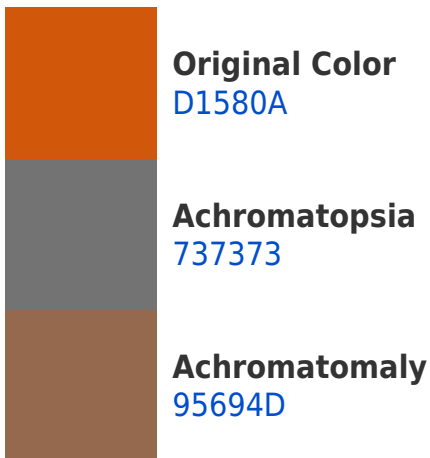


**Tritanopia**  
D35257

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1580A 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 #D1580A looks like.

```
.text, #text, p{  
    color:#D1580A  
}
```

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 #D1580A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1580A
}
```

## Border

The CSS property to change the border of an element to Hex D1580A 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
#D1580A }
```

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

```
.border{ border-color:#D1580A }
```

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

Here you see how a box with a 4 pixel #D1580A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1580A; -webkit-box-shadow:4px 4px  
4px 4px #D1580A; box-shadow:4px 4px 4px  
4px #D1580A }
```

# Background

The CSS property to change the background color of an element to Hex D1580A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1580A }
```

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

```
.background{ background-color:#D1580A }
```

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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