

# Converting Colors

Hex(D25F00)

Have a look what the booklet for  
Hex(D25F00) contains.

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**Color**

**Hex(D25F00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D25F00
RGB	210, 95, 0
RGB Percent	82%, 37%, 0%
CMY	0.1765, 0.6275, 1.0000
CMYK	0.00, 0.55, 1.00, 0.18
HSL	27°, 100%, 41%
HSV	27°, 100%, 82%
XYZ	30.6706, 21.8861, 2.6079
YIQ	118.5550, 99.0350, -5.1650

# Conversions

## Conversions Part 2

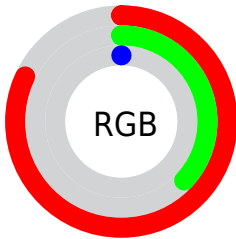
Format	Color
<a href="#">RYB</a>	210, 173, 0
Decimal	13786880
CIELab	53.91, 41.63, 62.88
CIELCh	54, 75.410, 56.491
Yxy	21.8861, 0.5560, 0.3967
Android (android.graphics.Color)	4291976960 (0xFFD25F00)
YUV	118.5550, -58.4476, 80.1973
Hunter-Lab	46.7825, 35.1549, 29.4426

# Details

The Hex color **D25F00** 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 **0073D2**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF9440**, and **942C00** is the 20% darker color. If you saturate the color by 10%, you get **D25F00**, and if you desaturate by 10%, it is **D26A15**.

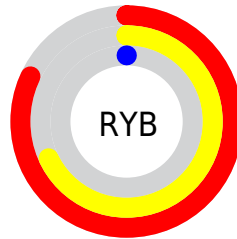
# Distribution



Red (82%)

Green (37%)

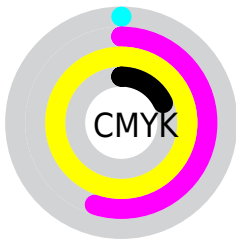
Blue (0%)



Red (82%)

Yellow (68%)

Blue (0%)

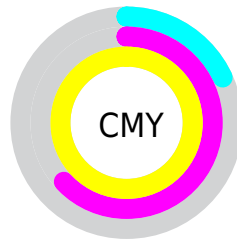


Cyan (0%)

Magenta (55%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (63%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D25F00 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 D25F00 by changing the saturation by 10% instead.



 D25F00

 D25F00

FFFFFF

 B34500

 FF9440

 942C00

 FFAF5A

 750E00

 FFCB75

 570000

 FFE88F

 3B0000

 FFFFAB

 1D0001

 FFFFC7

 000000

 FFFF E4

 D25F00

 D26A15

 D2762A

 D2823F

 D28D54

 D29969

 D2A47E

 D2B093

 D2BBA8

 D2C6BD

# Harmonies

## Analogous

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



EE3C4B



D25F00



A27C00

# Triad

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



D25F00



009C77



6873F7

# Complementary

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



D25F00



0073D2

# 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.



008CFF



D25F00



009DB9

# Square

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



D25F00



009832



0099ED



C64FCA

# Rectangle

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



D25F00



7B8900



0099ED



107DFF



# Sweetspot

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



D25F00



FFD5B3



D20073



806652



000000



808080



# Same Dimension

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



D25F00



FF7300



D2C700



69635E



A84C00



291200

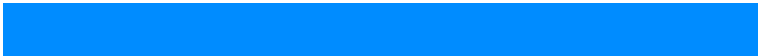


# Inverse Universe

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



0073D2



008CFF



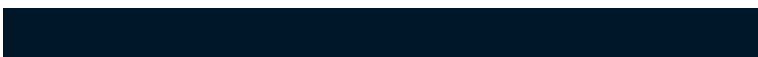
000AD2



5E6469



005CA8

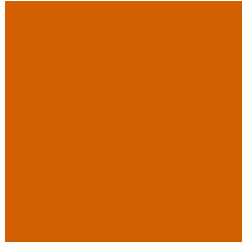


001629



# Previews

## White Background



This preview shows how the Hex color D25F00 looks on a white background.

## Color Contrast Check

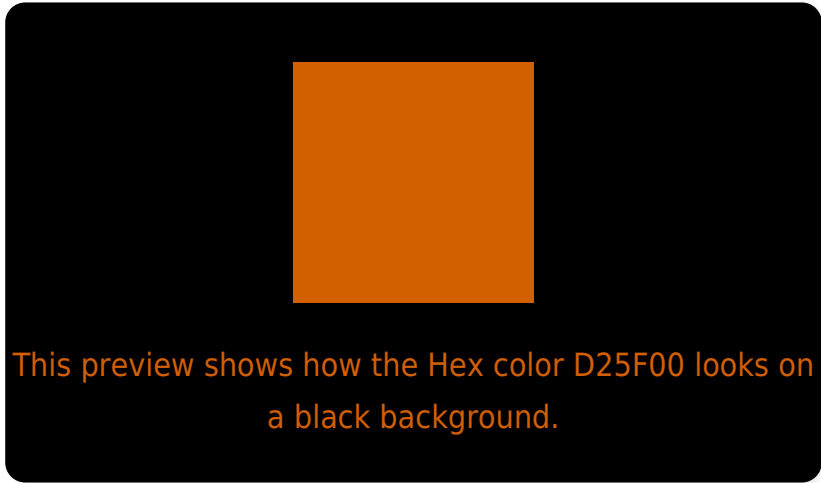
Large Text (above 18pt) WCAG AA ✓ Pass

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 D25F00 Background



This preview shows how black text looks on a background with the Hex color D25F00.



This preview shows how white text looks on a background with the Hex color D25F00.

# 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**  
D25F00

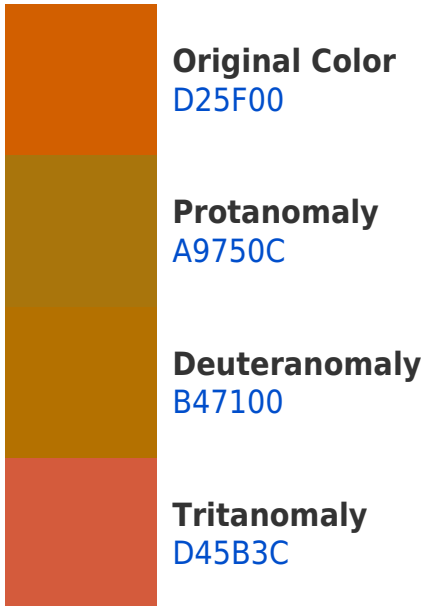
**Protanopia**  
928213

**Deuteranopia**  
A37B00



**Tritanopia**  
D5585E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D25F00 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 #D25F00 looks like.

```
.text, #text, p{  
    color:#D25F00  
}
```

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 #D25F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D25F00
}
```

## Border

The CSS property to change the border of an element to Hex D25F00 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
#D25F00 }
```

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

```
.border{ border-color:#D25F00 }
```

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

Here you see how a box with a 4 pixel #D25F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D25F00; -webkit-box-shadow:4px 4px  
4px 4px #D25F00; box-shadow:4px 4px 4px  
4px #D25F00 }
```

# Background

The CSS property to change the background color of an element to Hex D25F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D25F00 }
```

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

```
.background{ background-color:#D25F00 }
```

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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