

# Converting Colors

Hex(D55F0A)

Have a look what the booklet for  
Hex(D55F0A) contains.

<b>Hex(D55F0A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(D55F0A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D55F0A
RGB	213, 95, 10
RGB Percent	84%, 37%, 4%
CMY	0.1647, 0.6275, 0.9608
CMYK	0.00, 0.55, 0.95, 0.16
HSL	25°, 91%, 44%
HSV	25°, 95%, 84%
XYZ	31.5876, 22.3525, 2.9368
YIQ	120.5920, 97.6130, -1.4190

# Conversions

## Conversions Part 2

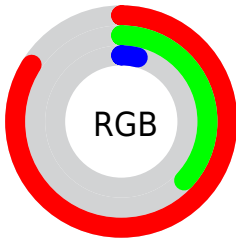
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 156, 10
Decimal	13983498
CIE Lab	54.40, 42.89, 61.40
CIE LCh	54, 74.896, 55.063
Yxy	22.3525, 0.5554, 0.3930
Android (android.graphics.Color)	4292173578 (0xFFD55F0A)
YUV	120.5920, -54.5219, 81.0418
Hunter-Lab	47.2784, 36.5220, 29.4120

# Details

The Hex color **D55F0A** 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 **0A80D5**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF9445**, and **972B00** is the 20% darker color. If you saturate the color by 10%, you get **D55900**, and if you desaturate by 10%, it is **D56B1F**.

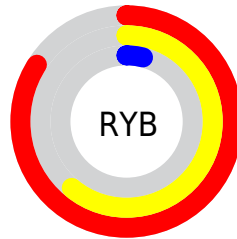
# Distribution



Red (84%)

Green (37%)

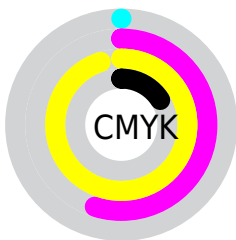
Blue (4%)



Red (84%)

Yellow (61%)

Blue (4%)

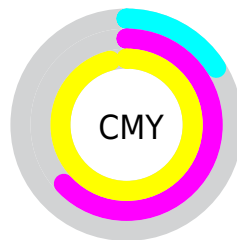


Cyan (0%)

Magenta (55%)

Yellow (95%)

Black (16%)



Cyan (16%)

Magenta (63%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D55F0A 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 D55F0A by changing the saturation by 10% instead.



 D55F0A

 D55F0A

FFFFFF

 B54500

 FF9445

 972B00

 FFAF5F

 780D00

 FFCC79

 5A0000

 FFE894

 3E0000

 FFFF80

 210001

 FFFFCC

 000000

 FFFF80

 D55F0A

 D55F0A

 D55900

 D56B1F

 D57835

 D5844A

 D5915F

 D59D75

 D5A98A

 D5B69F

 D5C2B4

 D5CECA

# Harmonies

## Analogous

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



F03D50



D55F0A



A67C00

# Triad

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



D55F0A



009E75



6376F9

# Complementary

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



D55F0A



0A80D5

# 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.



008EFF



D55F0A



009EB7

# Square

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



D55F0A



009930



009AEC



C453CD

# Rectangle

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



D55F0A



7F8900



009AEC



007FFF



# Sweetspot

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



D55F0A



FFD4B5



D50A80



806653



000000



808080



# Same Dimension

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



D55F0A



FF6B00



D5C40A



6B6560



AB4800



2B1200



# Inverse Universe

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



0A80D5



0094FF



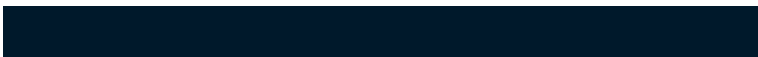
0A1BD5



60676B



0063AB



00192B



# Previews

## White Background



This preview shows how the Hex color D55F0A looks on a white background.

## Color Contrast Check

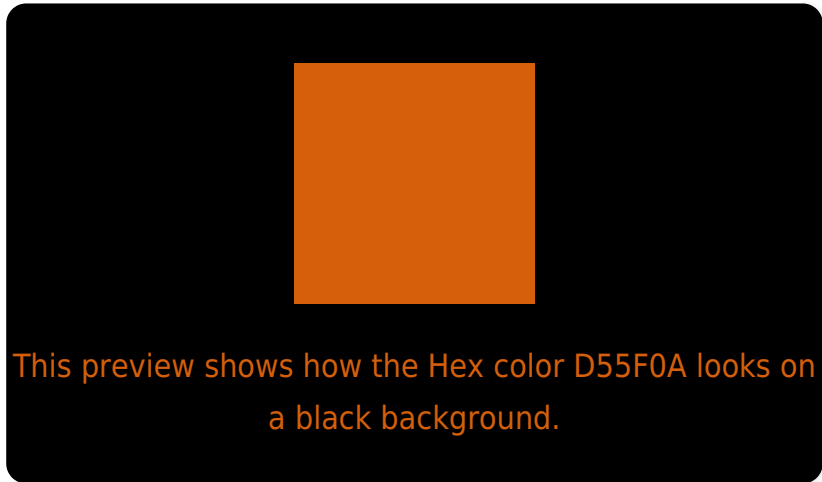
Large Text (above 18pt) WCAG AA ✓ Pass

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 D55F0A Background



This preview shows how black text looks on a background with the Hex color D55F0A.



This preview shows how white text looks on a background with the Hex color D55F0A.

# 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**  
D55F0A

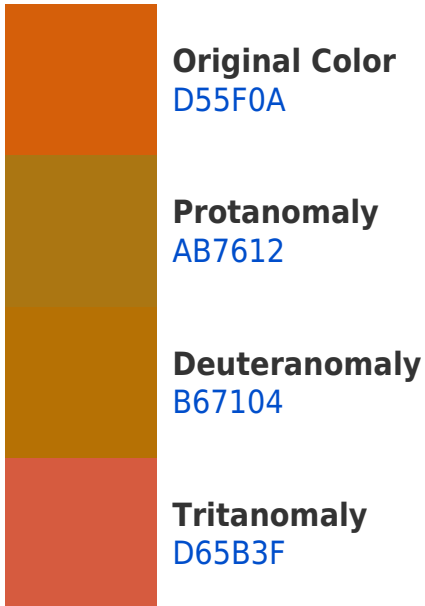
**Protanopia**  
938316

**Deuteranopia**  
A57C00

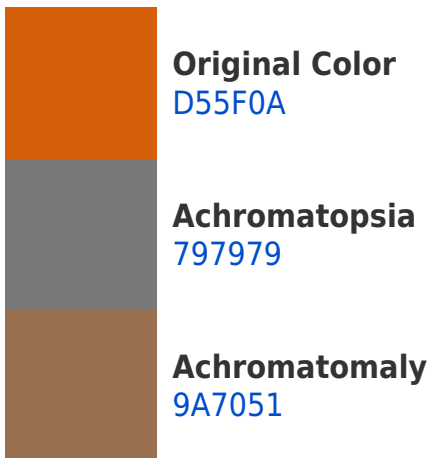


**Tritanopia**  
D7585E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D55F0A 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 #D55F0A looks like.

```
.text, #text, p{  
    color:#D55F0A  
}
```

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 #D55F0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D55F0A
}
```

## Border

The CSS property to change the border of an element to Hex D55F0A 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
#D55F0A }
```

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

```
.border{ border-color:#D55F0A }
```

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

Here you see how a box with a 4 pixel #D55F0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D55F0A; -webkit-box-shadow:4px 4px  
4px 4px #D55F0A; box-shadow:4px 4px 4px  
4px #D55F0A }
```

# Background

The CSS property to change the background color of an element to Hex D55F0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D55F0A }
```

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

```
.background{ background-color:#D55F0A }
```

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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