

# Converting Colors

Hex(D05E22)

Have a look what the booklet for  
Hex(D05E22) contains.

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**Color**

**Hex(D05E22)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D05E22
RGB	208, 94, 34
RGB Percent	82%, 37%, 13%
CMY	0.1843, 0.6314, 0.8667
CMYK	0.00, 0.55, 0.84, 0.18
HSL	21°, 72%, 47%
HSV	21°, 84%, 82%
XYZ	30.3039, 21.5308, 4.0720
YIQ	121.2460, 87.2040, 5.5080

# Conversions

## Conversions Part 2

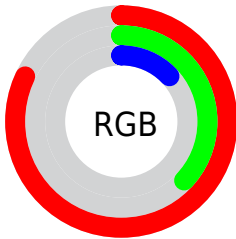
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">208, 126, 34</a>
Decimal	<a href="#">13655586</a>
CIELab	<a href="#">53.53, 41.90, 52.99</a>
CIELCh	<a href="#">54, 67.552, 51.666</a>
Yxy	<a href="#">21.5308, 0.5420, 0.3851</a>
Android (android.graphics.Color)	<a href="#">4291845666</a> ( <a href="#">0xFFD05E22</a> )
YUV	<a href="#">121.2460, -43.0123, 76.0833</a>
Hunter-Lab	<a href="#">46.4013, 35.3729, 27.2778</a>

# Details

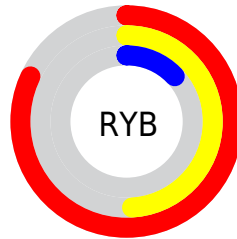
The Hex color **D05E22** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **2294D0**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF9354**, and **922A00** is the 20% darker color. If you saturate the color by 10%, you get **D0500D**, and if you desaturate by 10%, it is **D06C37**.

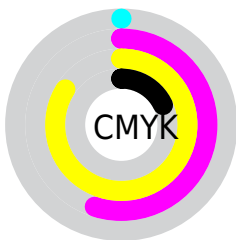
# Distribution



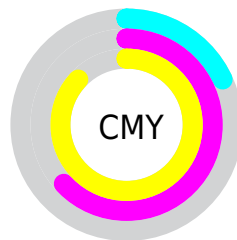
- Red (82%)
- Green (37%)
- Blue (13%)



- Red (82%)
- Yellow (49%)
- Blue (13%)



- Cyan (0%)
- Magenta (55%)
- Yellow (84%)
- Black (18%)



- Cyan (18%)
- Magenta (63%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D05E22 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 D05E22 by changing the saturation by 10% instead.



 D05E22

 D05E22

FFFFFF

 B14404

 FF9354

 922A00

 FFAE6E

 740C00

 FFCA88

 560000

 FFE7A3

 3B0000

 FFFFBF

 1B0001

 FFFFDB

 000000

 FFFFF8

 D05E22

 D05E22

 D0500D

 D06C37

 D04800

 D0794C

 D08760

 D09575

 D0A28A

 D0B09F

 D0BDB4

 D0CBC8

 D0D9DD

# Harmonies

## Analogous

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



E54459



D05E22



A87800

# Triad

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



D05E22



00996D



5878ED

# Complementary

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



D05E22



2294D0

# 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.



008CF4



D05E22



009AA9

# Square

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



D05E22



149431



0096DB



B55BC9

# Rectangle

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



D05E22



858400



0096DB



007FF3



# Sweetspot

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



D05E22



FFD5BF



D02296



806659



000000



808080



# Same Dimension

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



D05E22



FF5800



D0B322



69625E



A83A00



290E00

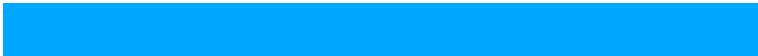


# Inverse Universe

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



2294D0



00A7FF



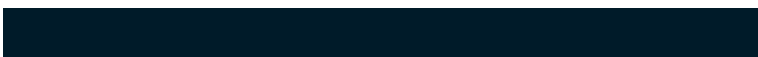
223FD0



5E6569



006EA8



001B29



# Previews

## White Background



This preview shows how the Hex color D05E22 looks on a white background.

## Color Contrast Check

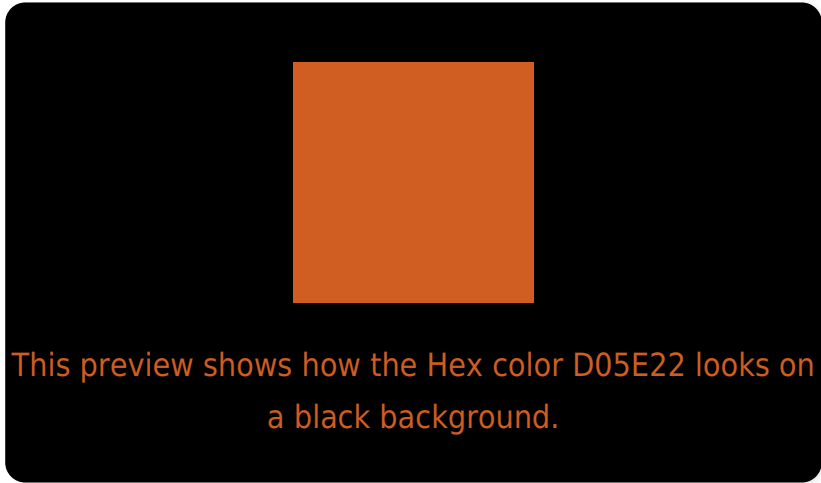
Large Text (above 18pt) WCAG AA ✓ Pass

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

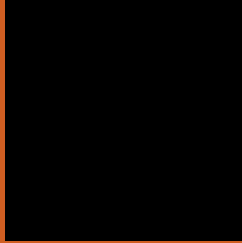
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D05E22 Background



This preview shows how black text looks on a background with the Hex color D05E22.



This preview shows how white text looks on a background with the Hex color D05E22.

# 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**  
D05E22

**Protanopia**  
90812B

**Deuteranopia**  
A27A15



**Tritanopia**  
D2585E

# Trichromacy



**Original Color**  
D05E22

**Protanomaly**  
A77428

**Deuteranomaly**  
B3701A

**Tritanomaly**  
D15A48

# Monochromacy



**Original Color**  
D05E22

**Achromatopsia**  
797979

**Achromatomaly**  
996F59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D05E22 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 #D05E22 looks like.

```
.text, #text, p{  
    color:#D05E22  
}
```

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 #D05E22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D05E22  
}
```

## Border

The CSS property to change the border of an element to Hex D05E22 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  
#D05E22 }
```

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

```
.border{ border-color:#D05E22 }
```

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

Here you see how a box with a 4 pixel #D05E22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D05E22; -webkit-box-shadow:4px 4px  
4px 4px #D05E22; box-shadow:4px 4px 4px  
4px #D05E22 }
```

# Background

The CSS property to change the background color of an element to Hex D05E22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D05E22 }
```

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

```
.background{ background-color:#D05E22 }
```

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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