

# Converting Colors

Hex(DE5D23)

Have a look what the booklet for  
Hex(DE5D23) contains.

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# Color

**Hex(DE5D23)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE5D23
RGB	222, 93, 35
RGB Percent	87%, 36%, 14%
CMY	0.1294, 0.6353, 0.8627
CMYK	0.00, 0.58, 0.84, 0.13
HSL	19°, 74%, 50%
HSV	19°, 84%, 87%
XYZ	34.3419, 23.4796, 4.3121
YIQ	124.9590, 95.5020, 9.3100

# Conversions

## Conversions Part 2

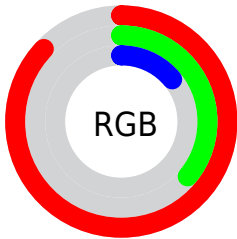
Format	Color
R <sub>Y</sub> B	222, 119, 35
Decimal	14572835
CIE Lab	55.56, 47.66, 55.21
CIE LCh	56, 72.938, 49.198
Yxy	23.4796, 0.5527, 0.3779
Android (android.graphics.Color)	4292762915 (0xFFDE5D23)
YUV	124.9590, -44.3498, 85.1050
Hunter-Lab	48.4558, 41.7101, 28.6428

# Details

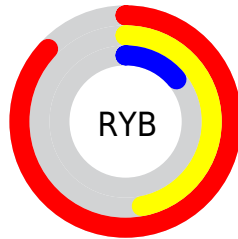
The Hex color **DE5D23** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **23A4DE**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF9356**, and **9F2700** is the 20% darker color. If you saturate the color by 10%, you get **DE4E0D**, and if you desaturate by 10%, it is **DE6C39**.

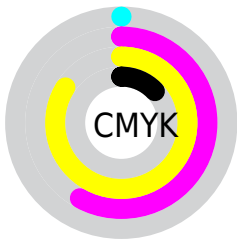
# Distribution



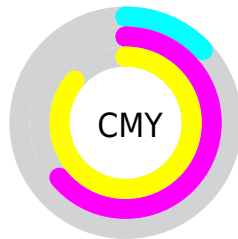
- Red (87%)
- Green (36%)
- Blue (14%)



- Red (87%)
- Yellow (47%)
- Blue (14%)



- Cyan (0%)
- Magenta (58%)
- Yellow (84%)
- Black (13%)



- Cyan (13%)
- Magenta (64%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE5D23 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 DE5D23 by changing the saturation by 10% instead.



 DE5D23

 DE5D23

FFFFFF

 BE4205

 FF9356

 9F2700

 FFAF6F

 800100

 FFCB89

 620000

 FFE8A4

 450000

 FFFFC0

 290001

 FFFFDC

 000000

 FFFFF9

 DE5D23

 DE5D23

 DE4E0D

 DE6C39

 DE4500

 DE7C4F

 DE8B66

 DE9A7C

 DEAA92

 DEB9A8

 DEC8BE

 DED8D5

 DEE7EB

# Harmonies

## Analogous

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



F33F60



DE5D23



B37A00

# Triad

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



DE5D23



00A06B



467EFE

# Complementary

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



DE5D23



23A4DE

# 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.



0093FF



DE5D23



00A1AD

# Square

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



DE5D23



199A28



009EE4



B95FD9

# Rectangle

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



DE5D23



8F8900



009EE4



0087FF



# Sweetspot

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



DE5D23



FFD3BF



DE23A6



806559



000000



808080



# Same Dimension

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



DE5D23



FF4F00



DEB923



706865



B03700



300F00

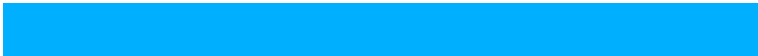


# Inverse Universe

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



23A4DE



00B0FF



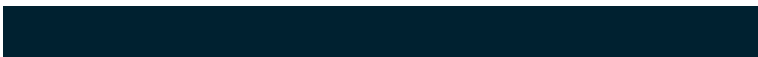
2348DE



656D70



0079B0



002130



# Previews

## White Background



This preview shows how the Hex color DE5D23 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 DE5D23 Background



This preview shows how black text looks on a background with the Hex color DE5D23.



This preview shows how white text looks on a background with the Hex color DE5D23.

# 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**  
DE5D23

**Protanopia**  
95862D

**Deuteranopia**  
A97F13



**Tritanopia**  
E0575D

# Trichromacy



**Original Color**  
DE5D23

**Protanomaly**  
B07729

**Deuteranomaly**  
BC7319

**Tritanomaly**  
DF5948

# Monochromacy



**Original Color**  
DE5D23

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
A0715C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE5D23 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 #DE5D23 looks like.

```
.text, #text, p{  
    color:#DE5D23  
}
```

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 #DE5D23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE5D23
}
```

## Border

The CSS property to change the border of an element to Hex DE5D23 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
#DE5D23 }
```

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

```
.border{ border-color:#DE5D23 }
```

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

Here you see how a box with a 4 pixel #DE5D23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE5D23; -webkit-box-shadow:4px 4px  
4px 4px #DE5D23; box-shadow:4px 4px 4px  
4px #DE5D23 }
```

# Background

The CSS property to change the background color of an element to Hex DE5D23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE5D23 }
```

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

```
.background{ background-color:#DE5D23 }
```

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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