

# Converting Colors

Hex(DC4E25)

Have a look what the booklet for  
Hex(DC4E25) contains.

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# Color

Hex(DC4E25)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC4E25
RGB	220, 78, 37
RGB Percent	86%, 31%, 15%
CMY	0.1373, 0.6941, 0.8549
CMYK	0.00, 0.65, 0.83, 0.14
HSL	13°, 72%, 50%
HSV	13°, 83%, 86%
XYZ	32.5735, 20.7980, 4.0479
YIQ	115.7840, 97.7930, 17.3530

# Conversions

## Conversions Part 2

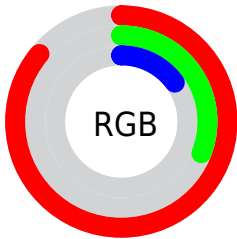
Format	Color
<a href="#">RYB</a>	<a href="#">220, 90, 37</a>
Decimal	<a href="#">14437925</a>
CIELab	<a href="#">52.73, 53.66, 51.75</a>
CIELCh	<a href="#">53, 74.546, 43.959</a>
Yxy	<a href="#">20.7980, 0.5673, 0.3622</a>
Android (android.graphics.Color)	<a href="#">4292628005</a> ( <a href="#">0xFFDC4E25</a> )
YUV	<a href="#">115.7840, -38.8405, 91.3974</a>
Hunter-Lab	<a href="#">45.6048, 47.6863, 26.6608</a>

# Details

The Hex color **DC4E25** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **25B3DC**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF8556**, and **9D0D00** is the 20% darker color. If you saturate the color by 10%, you get **DC3D0F**, and if you desaturate by 10%, it is **DC5F3B**.

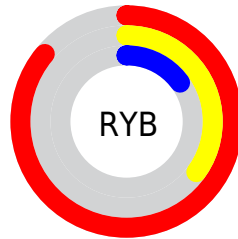
# Distribution



Red (86%)

Green (31%)

Blue (15%)



Red (86%)

Yellow (35%)

Blue (15%)

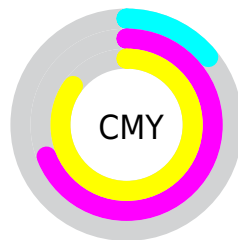


Cyan (0%)

Magenta (65%)

Yellow (83%)

Black (14%)



Cyan (14%)

Magenta (69%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC4E25 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 DC4E25 by changing the saturation by 10% instead.



 DC4E25

 DC4E25

FFFFFF

 BC320B

 FF8556

 9D0D00

 FFA16F

 7E0000

 FFBD89

 5F0000

 FFDAA4

 420001

 FFF7C0

 240001

 FFFFDC

 000000

 FFFFF9

 DC4E25

 DC4E25

 DC3D0F

 DC5F3B

 DC3100

 DC7051

 DC8167

 DC927D

 DCA393

 DCB4A9

 DCC5BF

 DCD7D5

 DCE8EB

# Harmonies

## Analogous

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



ED2E63



DC4E25



B46E00

# Triad

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



DC4E25



009858



007CFC

# Complementary

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



DC4E25



25B3DC

# 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.



008FFA



DC4E25



009A9B

# Square

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



DC4E25



29910A



0098D6



A45DDB

# Rectangle

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



DC4E25



917E00



0098D6



0084FF



# Sweetspot

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



DC4E25



FFCEBF



DC25B4



806259



000000



808080



# Same Dimension

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



DC4E25



FF3900



DCA825



6E6563



AD2700



2E0A00

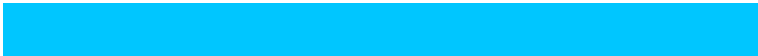


# Inverse Universe

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



25B3DC



00C6FF



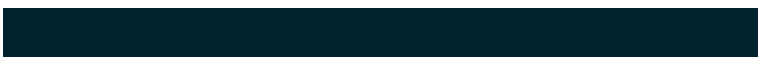
2559DC



636B6E



0087AD

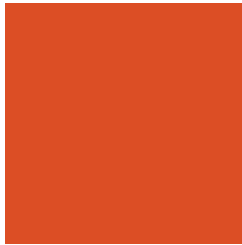


00242E



# Previews

## White Background



This preview shows how the Hex color DC4E25 looks on a white background.

## Color Contrast Check

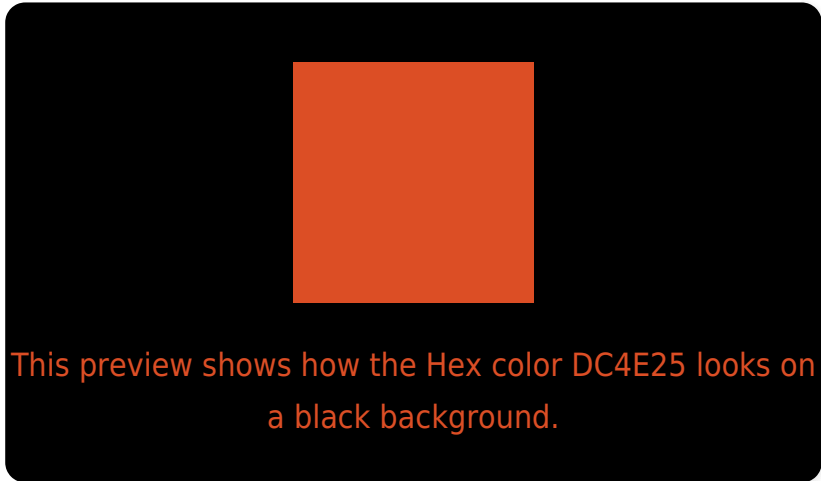
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC4E25 Background



This preview shows how black text looks on a background with the Hex color DC4E25.

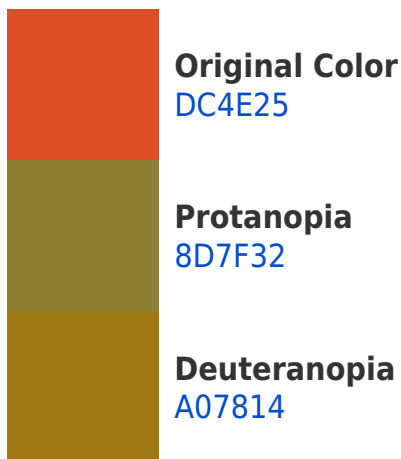


This preview shows how white text looks on a background with the Hex color DC4E25.

# 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





# Trichromacy



**Original Color**  
DC4E25

**Protanomaly**  
AA6D2D

**Deuteranomaly**  
B6691A

**Tritanomaly**  
DD4B3F

# Monochromacy



**Original Color**  
DC4E25

**Achromatopsia**  
747474

**Achromatomaly**  
9A6657

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC4E25 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 #DC4E25 looks like.

```
.text, #text, p{  
    color:#DC4E25  
}
```

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 #DC4E25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC4E25
}
```

## Border

The CSS property to change the border of an element to Hex DC4E25 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
#DC4E25 }
```

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

```
.border{ border-color:#DC4E25 }
```

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

Here you see how a box with a 4 pixel #DC4E25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC4E25; -webkit-box-shadow:4px 4px  
4px 4px #DC4E25; box-shadow:4px 4px 4px  
4px #DC4E25 }
```

# Background

The CSS property to change the background color of an element to Hex DC4E25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC4E25 }
```

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

```
.background{ background-color:#DC4E25 }
```

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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