

# Converting Colors

Hex(DE4532)

Have a look what the booklet for  
Hex(DE4532) contains.

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# Color

Hex(DE4532)

# Conversions

## Conversions Part 1

Format	Color
Hex	DE4532
RGB	222, 69, 50
RGB Percent	87%, 27%, 20%
CMY	0.1294, 0.7294, 0.8039
CMYK	0.00, 0.69, 0.77, 0.13
HSL	7°, 72%, 53%
HSV	7°, 77%, 87%
XYZ	32.8280, 20.0161, 5.1509
YIQ	112.5810, 97.2870, 26.5270

# Conversions

## Conversions Part 2

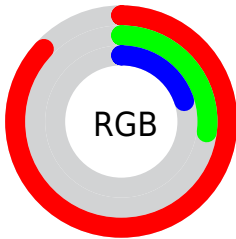
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">222, 71, 50</a>
Decimal	<a href="#">14566706</a>
CIELab	<a href="#">51.86, 58.33, 44.66</a>
CIElCh	<a href="#">52, 73.463, 37.439</a>
Yxy	<a href="#">20.0161, 0.5660, 0.3451</a>
Android (android.graphics.Color)	<a href="#">4292756786 (0xFFDE4532)</a>
YUV	<a href="#">112.5810, -30.8524, 95.9605</a>
Hunter-Lab	<a href="#">44.7394, 52.6825, 24.4915</a>

# Details

The Hex color **DE4532** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **32CBDE**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF7E62**, and **9F0004** is the 20% darker color. If you saturate the color by 10%, you get **DE311C**, and if you desaturate by 10%, it is **DE5948**.

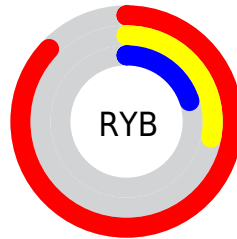
# Distribution



Red (87%)

Green (27%)

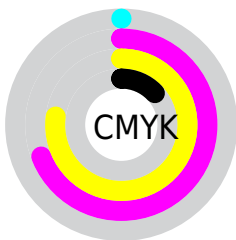
Blue (20%)



Red (87%)

Yellow (28%)

Blue (20%)

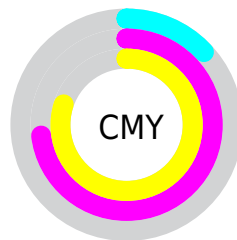


Cyan (0%)

Magenta (69%)

Yellow (77%)

Black (13%)



Cyan (13%)

Magenta (73%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE4532 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 DE4532 by changing the saturation by 10% instead.



 DE4532

 DE4532

FFFFFF

 BE261B

 FF7E62

 9F0004

 FF9A7B

 800000

 FFB695

 610000

 FFD3B0

 440002

 FFF0CC

 250001

 FFFFEE

 000000

 DE4532

 DE4532

 DE311C

 DE5948

 DE1E06

 DE6C5E

 DE1900

 DE8075

 DE948B

 DEA8A1

 DEBBB7

 DECFCF

 DEE3E4

 DEF7FA

# Harmonies

## Analogous

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



E82A6F



DE4532



BB6600

# Triad

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



DE4532



009448



007FFA

# Complementary

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



DE4532



32CBDE

# 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.



008FF0



DE4532



00978A

# Square

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



DE4532



418D00



0096C7



8E63E1

# Rectangle

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



DE4532



9A7700



0096C7



0085FB



# Sweetspot

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



DE4532



FFCBC4



DE32CD



80605C



000000



808080



# Same Dimension

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



DE4532



FF2C12



DE9932



706665



B01300



300500

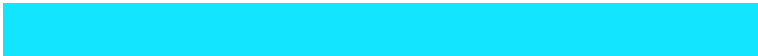


# Inverse Universe

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



32CBDE



12E5FF



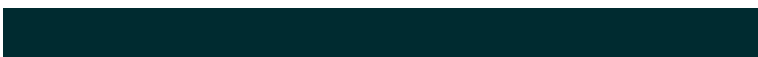
3277DE



656F70



009DB0



002B30



# Previews

## White Background



This preview shows how the Hex color DE4532 looks on a white background.

## Color Contrast Check

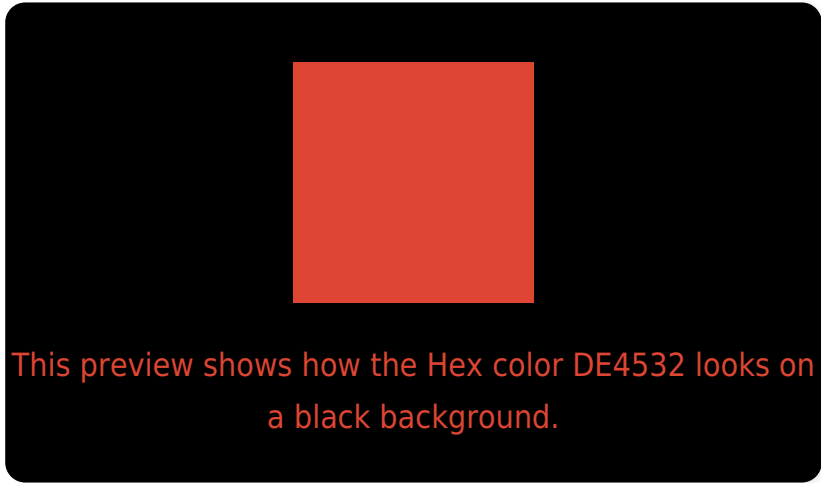
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE4532 Background



This preview shows how black text looks on a background with the Hex color DE4532.



This preview shows how white text looks on a background with the Hex color DE4532.

# 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



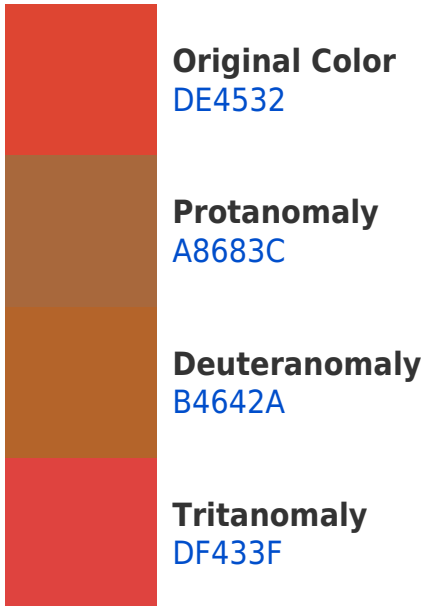
**Original Color**  
DE4532

**Protanopia**  
897C42

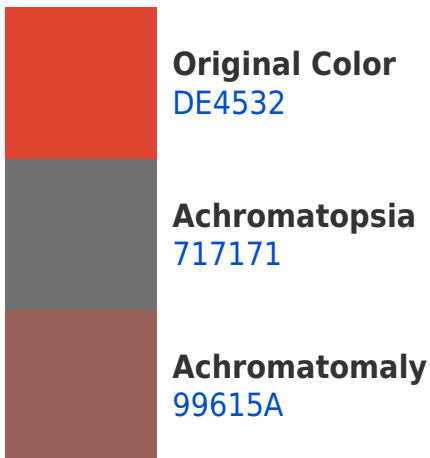
**Deuteranopia**  
9C7626



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE4532 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 #DE4532 looks like.

```
.text, #text, p{  
    color:#DE4532  
}
```

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 #DE4532 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE4532
}
```

## Border

The CSS property to change the border of an element to Hex DE4532 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".

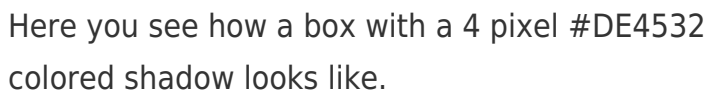
```
.border, #border, table{ border:4px solid
#DE4532 }
```

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

```
.border{ border-color:#DE4532 }
```

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

Here you see how a box with a 4 pixel #DE4532 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE4532; -webkit-box-shadow:4px 4px  
4px 4px #DE4532; box-shadow:4px 4px 4px  
4px #DE4532 }
```

# Background

The CSS property to change the background color of an element to Hex DE4532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE4532 }
```

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

```
.background{ background-color:#DE4532 }
```

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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