

# Converting Colors

Hex(DE2904)

Have a look what the booklet for  
Hex(DE2904) contains.

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**Color**

**Hex(DE2904)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE2904
RGB	222, 41, 4
RGB Percent	87%, 16%, 2%
CMY	0.1294, 0.8392, 0.9843
CMYK	0.00, 0.82, 0.98, 0.13
HSL	10°, 96%, 44%
HSV	10°, 98%, 87%
XYZ	30.9391, 17.1242, 1.7895
YIQ	90.9010, 119.7530, 26.8650

# Conversions

## Conversions Part 2

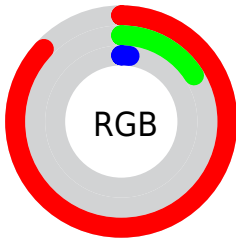
Format	Color
<a href="#">RYB</a>	<a href="#">222, 49, 4</a>
Decimal	<a href="#">14559492</a>
CIELab	<a href="#">48.42, 66.29, 60.21</a>
CIElCh	<a href="#">48, 89.556, 42.249</a>
Yxy	<a href="#">17.1242, 0.6206, 0.3435</a>
Android (android.graphics.Color)	<a href="#">4292749572</a> (0xFFDE2904)
YUV	<a href="#">90.9010, -42.8422, 114.9738</a>
Hunter-Lab	<a href="#">41.3814, 61.0389, 26.4031</a>

# Details

The Hex color **DE2904** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **04B9DE**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF693C**, and **9D0000** is the 20% darker color. If you saturate the color by 10%, you get **DE2600**, and if you desaturate by 10%, it is **DE3B1A**.

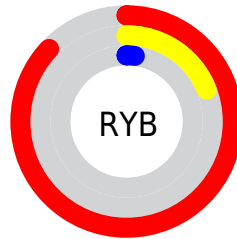
# Distribution



Red (87%)

Green (16%)

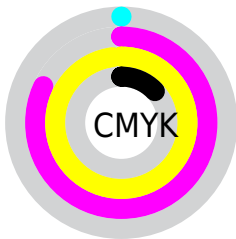
Blue (2%)



Red (87%)

Yellow (19%)

Blue (2%)

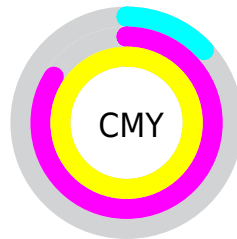


Cyan (0%)

Magenta (82%)

Yellow (98%)

Black (13%)



Cyan (13%)

Magenta (84%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE2904 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 DE2904 by changing the saturation by 10% instead.



 DE2904

 DE2904

 FFFFF8

 BD0000

 FF693C

 9D0000

 FF8655

 7D0000

 FFA26E

 5D0001

 FFC089

 410003

 FFDDA4

 1E0001

 FFFBBF

 000000

 FFFFDC

 DE2904

 DE2904

 DE2600

 DE3B1A

 DE4E30

 DE6047

 DE735D

 DE8573

 DE9889

 DEAA9F

 DEBCB6

 DECFCC

# Harmonies

## Analogous

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



F10058



DE2904



B05E00

# Triad

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



DE2904



008E41



0074FF

# Complementary

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



DE2904



04B9DE

# 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.



0089FF



DE2904



009191

# Square

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



DE2904



008800



0090D9



974AE5

# Rectangle

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



DE2904



887200



0090D9



007CFF



# Sweetspot

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



DE2904



FFC2B5



DE04BA



805A53



000000



808080



# Same Dimension

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



DE2904



FF2B00



DE9504



706765



B01E00



300800



# Inverse Universe

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



04B9DE



00D4FF



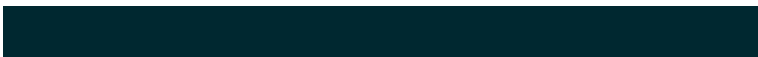
044DDE



656E70



0092B0



002830



# Previews

## White Background



This preview shows how the Hex color DE2904 looks on a white background.

## Color Contrast Check

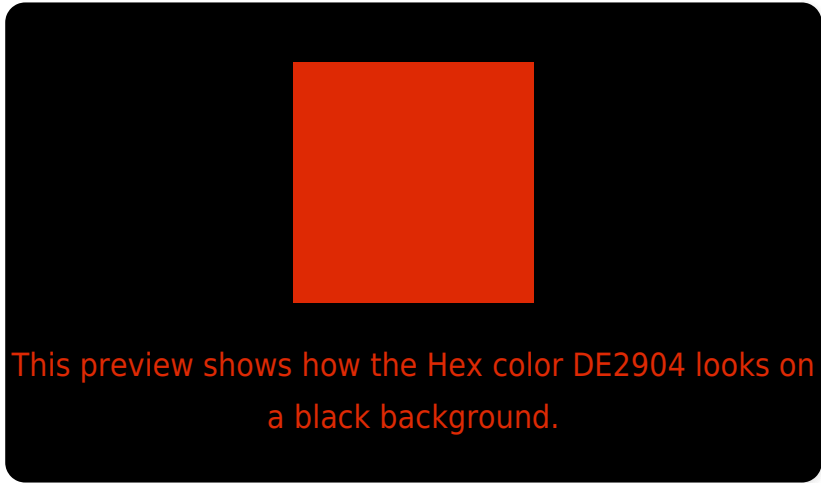
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex DE2904 Background



This preview shows how black text looks on a background with the Hex color DE2904.



This preview shows how white text looks on a background with the Hex color DE2904.

# 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



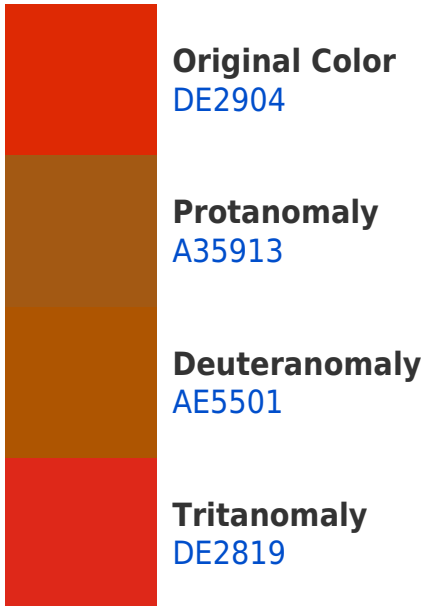
**Original Color**  
DE2904

**Protanopia**  
82741B

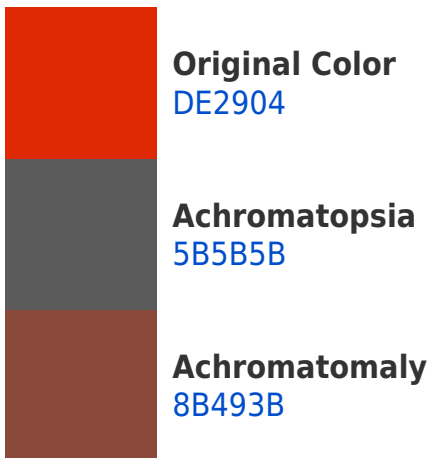
**Deuteranopia**  
926E00



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE2904 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 #DE2904 looks like.

```
.text, #text, p{  
    color:#DE2904  
}
```

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 #DE2904 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE2904
}
```

## Border

The CSS property to change the border of an element to Hex DE2904 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
#DE2904 }
```

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

```
.border{ border-color:#DE2904 }
```

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

Here you see how a box with a 4 pixel #DE2904 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE2904; -webkit-box-shadow:4px 4px  
4px 4px #DE2904; box-shadow:4px 4px 4px  
4px #DE2904 }
```

# Background

The CSS property to change the background color of an element to Hex DE2904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE2904 }
```

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

```
.background{ background-color:#DE2904 }
```

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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