

# Converting Colors

Hex(D54E2A)

Have a look what the booklet for  
Hex(D54E2A) contains.

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# Color

Hex(D54E2A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D54E2A
RGB	213, 78, 42
RGB Percent	84%, 31%, 16%
CMY	0.1647, 0.6941, 0.8353
CMYK	0.00, 0.63, 0.80, 0.16
HSL	13°, 67%, 50%
HSV	13°, 80%, 84%
XYZ	30.5829, 19.7621, 4.3931
YIQ	114.2610, 92.0160, 17.4240

# Conversions

## Conversions Part 2

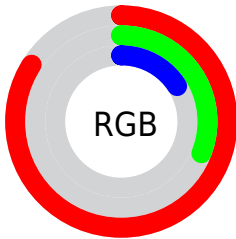
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 88, 42
Decimal	13979178
CIE <sub>Lab</sub>	51.57, 51.39, 47.90
CIE <sub>LCh</sub>	52, 70.248, 42.989
Yxy	19.7621, 0.5587, 0.3610
Android (android.graphics.Color)	4292169258 (0xFFD54E2A)
YUV	114.2610, -35.6247, 86.5941
Hunter-Lab	44.4546, 45.0051, 25.2591

# Details

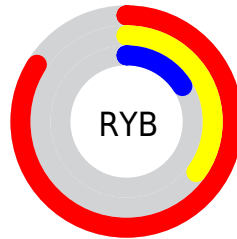
The Hex color **D54E2A** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **2AB1D5**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF845A**, and **961000** is the 20% darker color. If you saturate the color by 10%, you get **D53D15**, and if you desaturate by 10%, it is **D55F3F**.

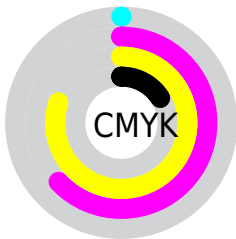
# Distribution



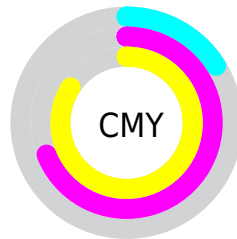
- Red (84%)
- Green (31%)
- Blue (16%)



- Red (84%)
- Yellow (35%)
- Blue (16%)



- Cyan (0%)
- Magenta (63%)
- Yellow (80%)
- Black (16%)



- Cyan (16%)
- Magenta (69%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D54E2A 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 D54E2A by changing the saturation by 10% instead.



 D54E2A

 D54E2A

FFFFFF

 B63212

 FF845A

 961000

 FFA074

 780000

 FFBC8E

 590000

 FFD9A9

 3E0002

 FFF6C4

 1C0001

 FFFFEO

 000000

 FFFFFD

 D54E2A

 D54E2A

 D53D15

 D55F3F

 D52D00

 D57055

 D5806A

 D5917F

 D5A295

 D5B3AA

 D5C4BF

 D5D5D4

 D5E5EA

# Harmonies

## Analogous

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



E43364



D54E2A



B06B00

# Triad

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



D54E2A



009355



007AF1

# Complementary

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



D54E2A



2AB1D5

# 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.



008BEF



D54E2A



009594

# Square

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



D54E2A



338D11



0094CC



9D5DD4

# Rectangle

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



D54E2A



8F7A00



0094CC



0081F4



# Sweetspot

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



D54E2A



FFCFC2



D52AB3



80625B



000000



808080



# Same Dimension

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



D54E2A



FF3E0A



D5A22A



6B6360



AB2400



2B0900

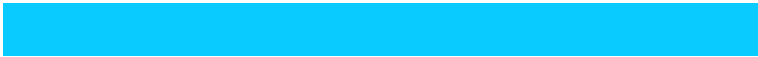


# Inverse Universe

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



2AB1D5



0ACBFF



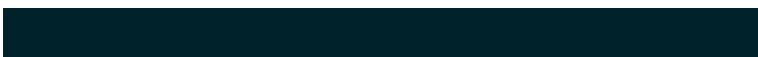
2A5DD5



60696B



0087AB

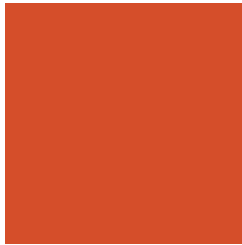


00222B



# Previews

## White Background



This preview shows how the Hex color D54E2A looks on a white background.

## Color Contrast Check

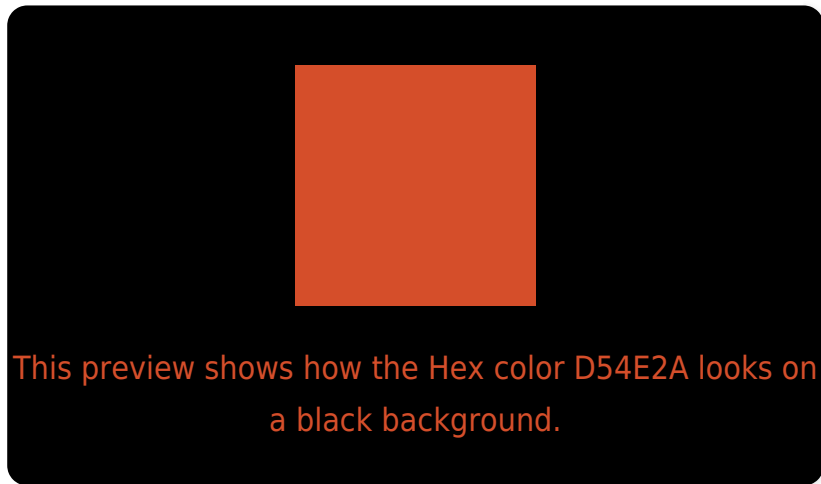
Large Text (above 18pt) WCAG AA ✓ Pass

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 D54E2A Background



This preview shows how black text looks on a background with the Hex color D54E2A.



This preview shows how white text looks on a background with the Hex color D54E2A.

# 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**  
D54E2A

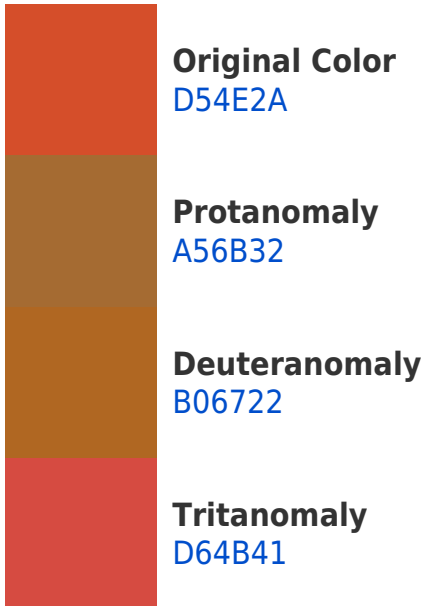
**Protanopia**  
897C37

**Deuteranopia**  
9B751E

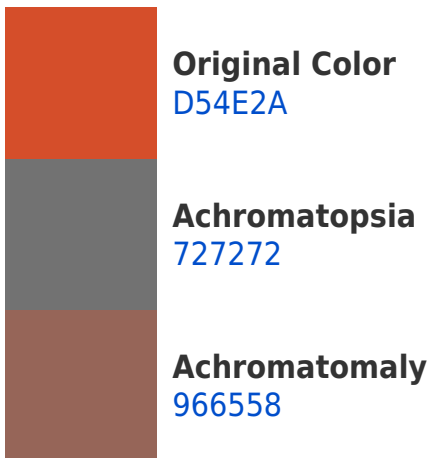


**Tritanopia**  
D64A4E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D54E2A 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 #D54E2A looks like.

```
.text, #text, p{  
    color:#D54E2A  
}
```

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 #D54E2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D54E2A
}
```

## Border

The CSS property to change the border of an element to Hex D54E2A 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".

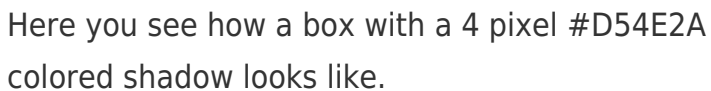
```
.border, #border, table{ border:4px solid
#D54E2A }
```

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

```
.border{ border-color:#D54E2A }
```

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

Here you see how a box with a 4 pixel #D54E2A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D54E2A; -webkit-box-shadow:4px 4px  
4px 4px #D54E2A; box-shadow:4px 4px 4px  
4px #D54E2A }
```

# Background

The CSS property to change the background color of an element to Hex D54E2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D54E2A }
```

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

```
.background{ background-color:#D54E2A }
```

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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