

# Converting Colors

Hex(D54956)

Have a look what the booklet for  
Hex(D54956) contains.

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# Color

**Hex(D54956)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D54956
RGB	213, 73, 86
RGB Percent	84%, 29%, 34%
CMY	0.1647, 0.7137, 0.6627
CMYK	0.00, 0.66, 0.60, 0.16
HSL	354°, 63%, 56%
HSV	354°, 66%, 84%
XYZ	31.5028, 19.5831, 10.9236
YIQ	116.3420, 79.2670, 33.7230

# Conversions

## Conversions Part 2

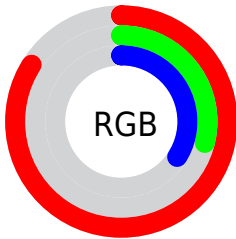
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 73, 86
Decimal	13977942
CIE Lab	51.36, 55.67, 23.21
CIE LCh	51, 60.314, 22.633
Yxy	19.5831, 0.5080, 0.3158
Android (android.graphics.Color)	4292168022 (0xFFD54956)
YUV	116.3420, -14.9586, 84.7691
Hunter-Lab	44.2528, 49.6288, 16.3415

# Details

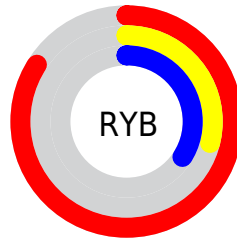
The Hex color **D54956** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **49D5C8**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF8188**, and **980029** is the 20% darker color. If you saturate the color by 10%, you get **D53443**, and if you desaturate by 10%, it is **D55E69**.

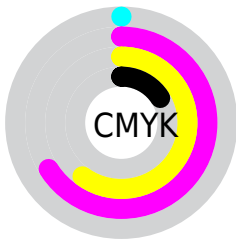
# Distribution



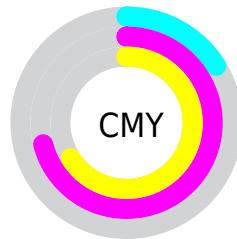
- Red (84%)
- Green (29%)
- Blue (34%)



- Red (84%)
- Yellow (29%)
- Blue (34%)



- Cyan (0%)
- Magenta (66%)
- Yellow (60%)
- Black (16%)



- Cyan (16%)
- Magenta (71%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D54956 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 D54956 by changing the saturation by 10% instead.



 D54956

 D54956

FFFFFF

 B62B3F

 FF8188

 980029

 FF9DA2

 7A0015

 FFB9BD

 5D0000

 FFD6D9

 410002

 FFF3F5

 200001

 000000

 D54956

 D54956

 D53443

 D55E69

 D51E2F

 D5747D

 D5091C

 D58990

 D50014

 D59EA3

 D5B4B7

 D5C9CA

 D5DEDD

 D5F3F1

 D5FFFF

# Harmonies

## Analogous

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



D04689



D54956



C25E27

# Triad

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



D54956



228D37



0084E1

# Complementary

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



D54956



49D5C8

# 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.



008ECC



D54956



00916C

# Square

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



D54956



6D8300



0092A1



5F72DA

# Rectangle

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



D54956



AB6D05



0092A1



0088DD



# Sweetspot

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



D54956



FFCCD1



C749D5



806164



000000



808080



# Same Dimension

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



D54956



FF3648



D58149



6B6061



AB0010



2B0004



# Inverse Universe

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



D54956



FF3648



499DD5



6B6061



AB0010

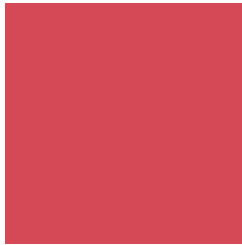


2B0004



# Previews

## White Background



This preview shows how the Hex color D54956 looks on a white background.

## Color Contrast Check

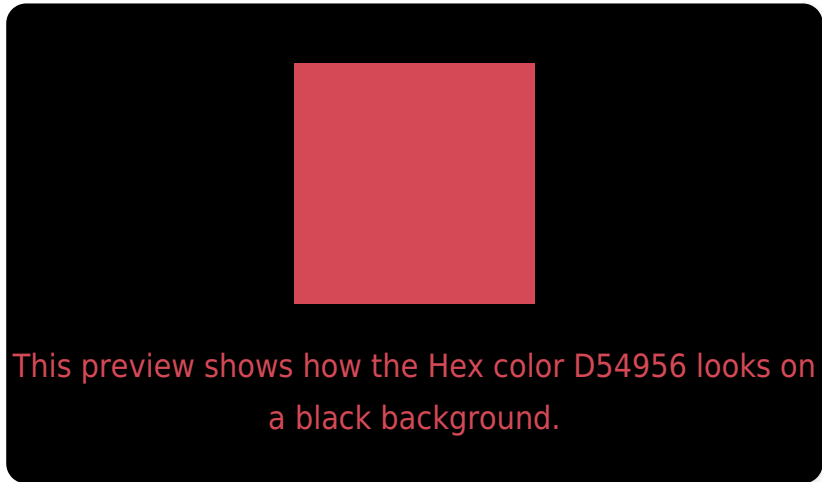
Large Text (above 18pt) WCAG AA ✓ Pass

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 D54956 Background



This preview shows how black text looks on a background with the Hex color D54956.

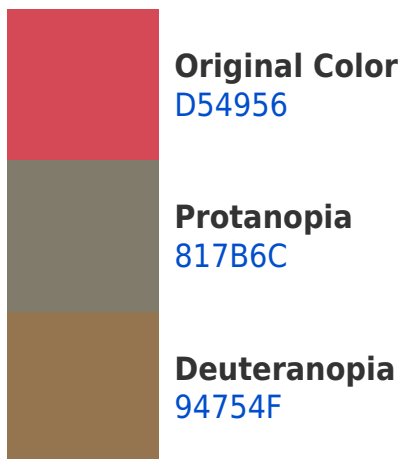


This preview shows how white text looks on a background with the Hex color D54956.

# 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





**Tritanopia**  
D54A4F

# Trichromacy



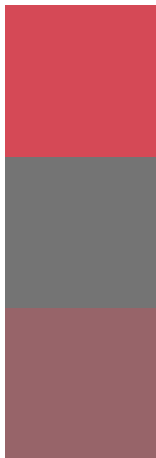
**Original Color**  
D54956

**Protanomaly**  
A06964

**Deuteranomaly**  
AC6552

**Tritanomaly**  
D54A52

# Monochromacy



**Original Color**  
D54956

**Achromatopsia**  
747474

**Achromatomaly**  
976469

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D54956 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 #D54956 looks like.

```
.text, #text, p{  
    color:#D54956  
}
```

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 #D54956 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D54956
}
```

## Border

The CSS property to change the border of an element to Hex D54956 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
#D54956 }
```

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

```
.border{ border-color:#D54956 }
```

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

Here you see how a box with a 4 pixel #D54956 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D54956; -webkit-box-shadow:4px 4px  
4px 4px #D54956; box-shadow:4px 4px 4px  
4px #D54956 }
```

# Background

The CSS property to change the background color of an element to Hex D54956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D54956 }
```

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

```
.background{ background-color:#D54956 }
```

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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