

Converting Colors

Hex(DC555D)

Have a look what the booklet for
Hex(DC555D) contains.

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Color

Hex(DC555D)

Conversions

Conversions Part 1

Format	Color
Hex	DC555D
RGB	220, 85, 93
RGB Percent	86%, 33%, 36%
CMY	0.1373, 0.6667, 0.6353
CMYK	0.00, 0.61, 0.58, 0.14
HSL	356°, 66%, 60%
HSV	356°, 61%, 86%
XYZ	34.7395, 22.5030, 12.8685
YIQ	126.2770, 77.8920, 31.1080

Conversions

Conversions Part 2

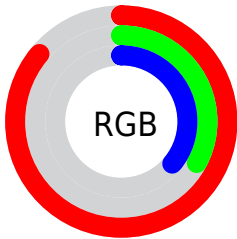
Format	Color
RYB	220, 85, 93
Decimal	14439773
CIELab	54.56, 53.37, 23.50
CIELCh	55, 58.313, 23.766
Yxy	22.5030, 0.4955, 0.3210
Android (android.graphics.Color)	4292629853 (0xFFDC555D)
YUV	126.2770, -16.4056, 82.1951
Hunter-Lab	47.4373, 47.7047, 17.1223

Details

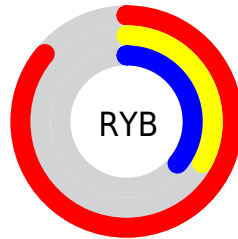
The Hex color **DC555D** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **55DCD4**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF8C8F**, and **9F192F** is the 20% darker color. If you saturate the color by 10%, you get **DC3F48**, and if you desaturate by 10%, it is **DC6B72**.

Distribution



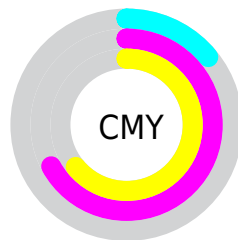
- Red (86%)
- Green (33%)
- Blue (36%)



- Red (86%)
- Yellow (33%)
- Blue (36%)



- Cyan (0%)
- Magenta (61%)
- Yellow (58%)
- Black (14%)



- Cyan (14%)
- Magenta (67%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC555D 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 DC555D by changing the saturation by 10% instead.

 DC555D

 DC555D

FFFFFF

 BD3945

 FF8C8F

 9F192F

 FFA8AA

 81001B

 FFC4C5

 640000

 FFE1E1

 470001

FFFFFFE

 2B0001

 000000

 DC555D

 DC555D

 DC3F48

 DC6B72

 DC2934

 DC8186

 DC131F

 DC979B

 DC000D

 DCADB0

 DCC3C4

 DCD9D9

 DCEFEE

 DCFFFF

Harmonies

Analogous

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



D7528F



DC555D



C96831

Triad

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



DC555D



2E9543



008CE7

Complementary

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



DC555D



55DCD4

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.



0096D3



DC555D



009A76

Square

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



DC555D



758C18



009AAA



6E7ADF

Rectangle

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



DC555D



B27617



009AAA



0090E3

Sweetspot

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



DC555D



FFD1D4



D355DC



806365



000000



808080

Same Dimension

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



DC555D



FF424D



DC9055



6E6363



AD000A



2E0003

Inverse Universe

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



DC555D



FF424D



55A2DC



6E6363



AD000A



2E0003

Previews

White Background



This preview shows how the Hex color DC555D looks on a white background.

Color Contrast Check

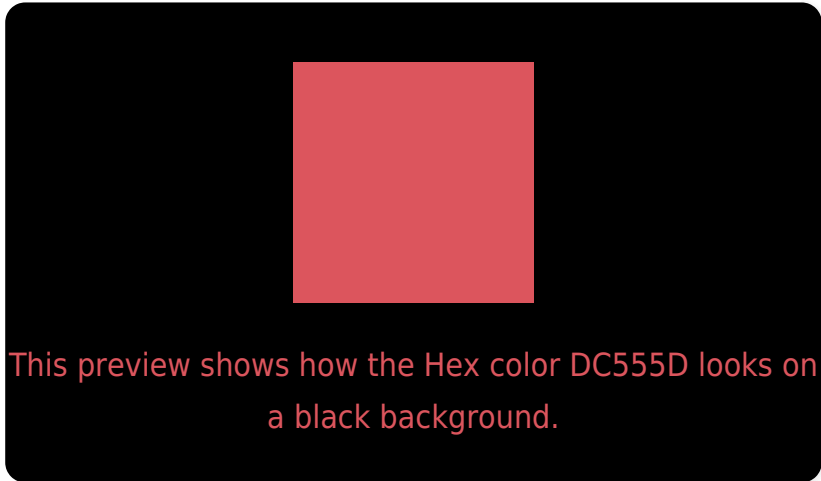
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC555D Background



This preview shows how black text looks on a background with the Hex color DC555D.



This preview shows how white text looks on a background with the Hex color DC555D.

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



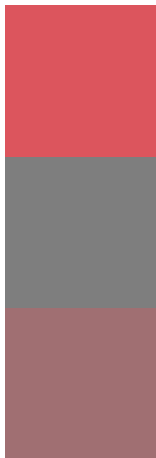
Original Color
DC555D

Protanomaly
A7726A

Deuteranomaly
B46E59

Tritanomaly
DC555C

Monochromacy



Original Color
DC555D

Achromatopsia
7E7E7E

Achromatomaly
A06F72

CSS Examples

Text

The CSS property to change the color of the text to Hex DC555D 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 #DC555D looks like.

```
.text, #text, p{  
    color:#DC555D  
}
```

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 #DC555D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC555D  
}
```

Border

The CSS property to change the border of an element to Hex DC555D 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  
#DC555D }
```

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

```
.border{ border-color:#DC555D }
```

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

Here you see how a box with a 4 pixel #DC555D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC555D; -webkit-box-shadow:4px 4px  
4px 4px #DC555D; box-shadow:4px 4px 4px  
4px #DC555D }
```

Background

The CSS property to change the background color of an element to Hex DC555D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC555D }
```

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

```
.background{ background-color:#DC555D }
```

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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