

# Converting Colors

Hex(D5053E)

Have a look what the booklet for  
Hex(D5053E) contains.

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**Color**

**Hex(D5053E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D5053E
RGB	213, 5, 62
RGB Percent	84%, 2%, 24%
CMY	0.1647, 0.9804, 0.7569
CMYK	0.00, 0.98, 0.71, 0.16
HSL	344°, 95%, 43%
HSV	344°, 98%, 84%
XYZ	28.3643, 14.6025, 5.8810
YIQ	73.6900, 105.6710, 61.8230

# Conversions

## Conversions Part 2

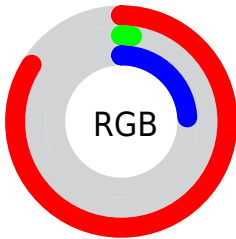
Format	Color
<a href="#">RYB</a>	213, 5, 62
Decimal	13960510
CIE Lab	45.08, 70.83, 29.72
CIE LCh	45, 76.814, 22.760
Yxy	14.6025, 0.5807, 0.2989
Android (android.graphics.Color)	4292150590 (0xFFD5053E)
YUV	73.6900, -5.7632, 122.1749
Hunter-Lab	38.2132, 65.6214, 17.6245

# Details

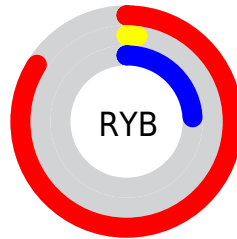
The Hex color **D5053E** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **05D59C**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **FF596D**, and **950015** is the 20% darker color. If you saturate the color by 10%, you get **D5003A**, and if you desaturate by 10%, it is **D51A4D**.

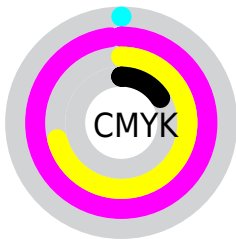
# Distribution



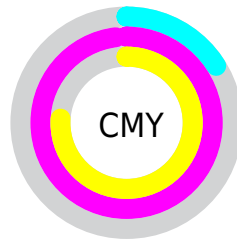
- Red (84%)
- Green (2%)
- Blue (24%)



- Red (84%)
- Yellow (2%)
- Blue (24%)



- Cyan (0%)
- Magenta (98%)
- Yellow (71%)
- Black (16%)



- Cyan (16%)
- Magenta (98%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5053E 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 D5053E by changing the saturation by 10% instead.



 D5053E

 D5053E

FFFFFF

 B50028

 FF596D

 950015

 FF7887

 760000

 FF95A1

 570002

 FFB2BC

 390002

 FFD0D7

 100000

 FFE0F4

 000000

 D5053E

 D5053E

 D5003A

 D51A4D

 D5305D

 D5456C

 D55A7C

 D56F8B

 D5859B

 D59AAA

 D5AFBA

 D5C5C9

# Harmonies

## Analogous

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



D1007D



D5053E



BC4300

# Triad

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



D5053E



00800A



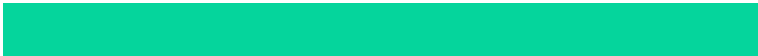
0078EC

# Complementary

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



D5053E



05D59C

# 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.



0082D1



D5053E



008459

# Square

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



D5053E



537600



00859B



2B61E3

# Rectangle

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



D5053E



A05A00



00859B



007DE7



# Sweetspot

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



D5053E



FFB5C9



9A05D5



80535F



000000



808080



# Same Dimension

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



D5053E



FF0046



D53205



6B6063



AB002F



2B000C



# Inverse Universe

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



D5053E



FF0046



05A8D5



6B6063



AB002F



2B000C



# Previews

## White Background



This preview shows how the Hex color D5053E looks on a white background.

## Color Contrast Check

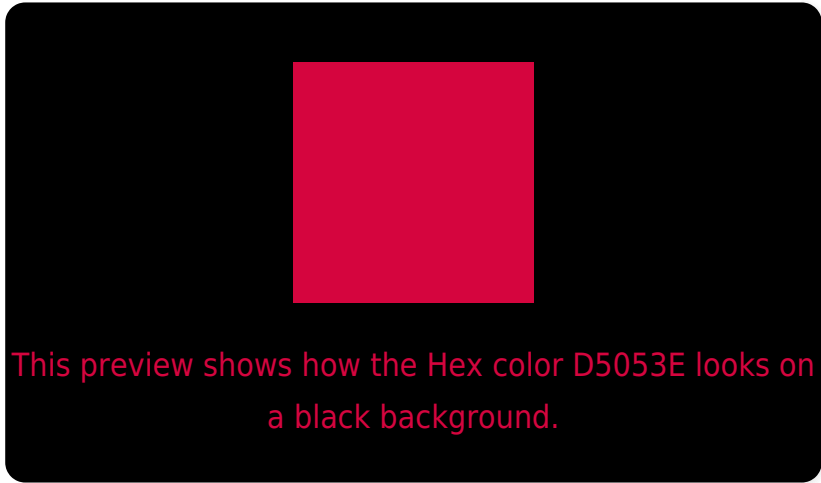
Large Text (above 18pt) WCAG AA ✓ Pass

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 D5053E Background



This preview shows how black text looks on a background with the Hex color D5053E.

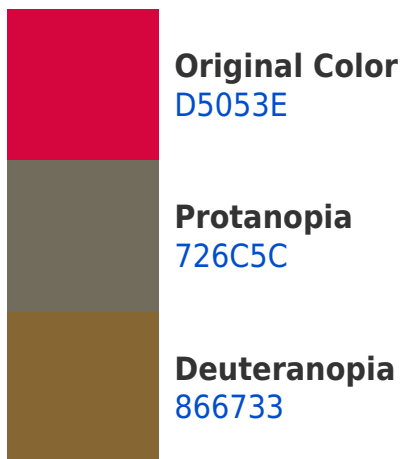


This preview shows how white text looks on a background with the Hex color D5053E.

# 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**  
D41A14

# Trichromacy



**Original Color**  
D5053E



**Protanomaly**  
964751



**Deuteranomaly**  
A34337

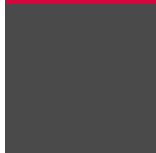


**Tritanomaly**  
D41223

# Monochromacy



**Original Color**  
D5053E



**Achromatopsia**  
4A4A4A



**Achromatomaly**  
7D3146

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5053E 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 #D5053E looks like.

```
.text, #text, p{  
    color:#D5053E  
}
```

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 #D5053E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5053E
}
```

## Border

The CSS property to change the border of an element to Hex D5053E 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
#D5053E }
```

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

```
.border{ border-color:#D5053E }
```

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

Here you see how a box with a 4 pixel #D5053E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5053E; -webkit-box-shadow:4px 4px  
4px 4px #D5053E; box-shadow:4px 4px 4px  
4px #D5053E }
```

# Background

The CSS property to change the background color of an element to Hex D5053E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5053E }
```

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

```
.background{ background-color:#D5053E }
```

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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