

Converting Colors

Hex(DC2533)

Have a look what the booklet for
Hex(DC2533) contains.

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Color

Hex(DC2533)

Conversions

Conversions Part 1

Format	Color
Hex	DC2533
RGB	220, 37, 51
RGB Percent	86%, 15%, 20%
CMY	0.1373, 0.8549, 0.8000
CMYK	0.00, 0.83, 0.77, 0.14
HSL	355°, 72%, 50%
HSV	355°, 83%, 86%
XYZ	30.7743, 16.7778, 4.7484
YIQ	93.3130, 104.5740, 43.1500

Conversions

Conversions Part 2

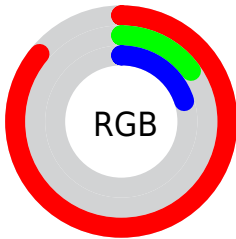
Format	Color
RYB	220, 37, 51
Decimal	14427443
CIELab	47.98, 67.57, 39.91
CIElCh	48, 78.473, 30.570
Yxy	16.7778, 0.5884, 0.3208
Android (android.graphics.Color)	4292617523 (0xFFDC2533)
YUV	93.3130, -20.8603, 111.1045
Hunter-Lab	40.9607, 62.4281, 21.7992

Details

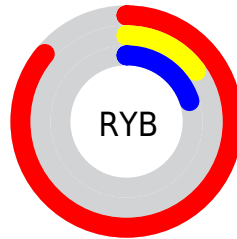
The Hex color **DC2533** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **25DCCE**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF6762**, and **9C0007** is the 20% darker color. If you saturate the color by 10%, you get **DC0F1F**, and if you desaturate by 10%, it is **DC3B47**.

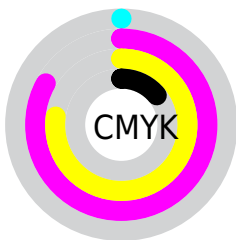
Distribution



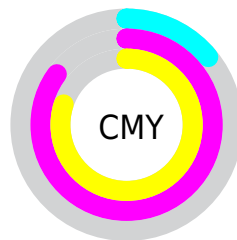
- Red (86%)
- Green (15%)
- Blue (20%)



- Red (86%)
- Yellow (15%)
- Blue (20%)



- Cyan (0%)
- Magenta (83%)
- Yellow (77%)
- Black (14%)



- Cyan (14%)
- Magenta (85%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC2533 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 DC2533 by changing the saturation by 10% instead.

 DC2533

 DC2533

FFFFFF

 BC001D

 FF6762

 9C0007

 FF847B

 7C0000

 FFA195

 5D0001

 FFBEB0

 400003

 FFDCCB

 1D0001

 FFFAE8

 000000

 DC2533

 DC2533

 DC0F1F

 DC3B47

■ DC0011

■ DC515C

■ DC6770

■ DC7D84

■ DC9399

■ DCA9AD

■ DCBFC1

■ DCD5D6

■ DCEBEA

Harmonies

Analogous

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



E00074



DC2533



BC5300

Triad

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



DC2533



00892A



007BF8

Complementary

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



DC2533



25DCCE

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.



0089E6



DC2533



008D71

Square

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



DC2533



458100



008DB4



675FE6

Rectangle

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



DC2533



9C6800



008DB4



0081F6

Sweetspot

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



DC2533



FFBFC4



CD25DC



80595C



000000



808080

Same Dimension

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



DC2533



FF0014



DC7125



6E6364



AD000D



2E0004

Inverse Universe

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



DC2533



FF0014



2590DC



6E6364



AD000D



2E0004

Previews

White Background



This preview shows how the Hex color DC2533 looks on a white background.

Color Contrast Check

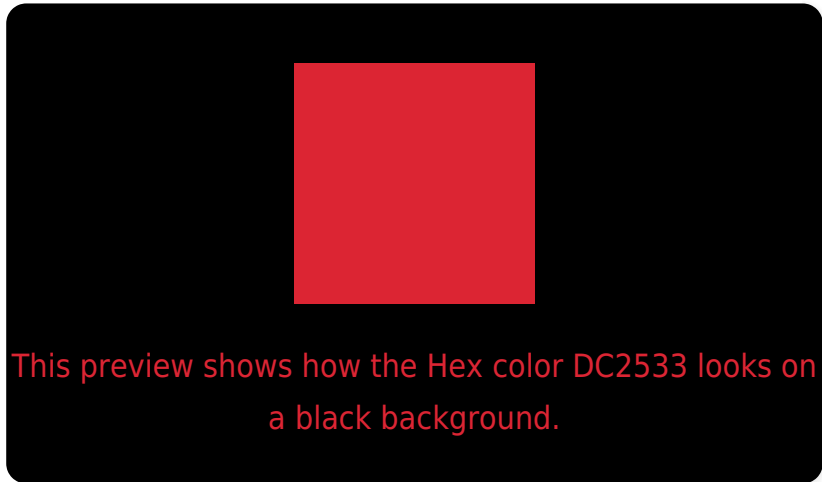
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC2533 Background



This preview shows how black text looks on a background with the Hex color DC2533.



This preview shows how white text looks on a background with the Hex color DC2533.

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
DC2533

Protanopia
7D734A

Deuteranopia
906D26

Trichromacy



Original Color
DC2533

Protanomaly
A05742

Deuteranomaly
AC532B

Tritanomaly
DC262B

Monochromacy



Original Color
DC2533

Achromatopsia
5D5D5D

Achromatomaly
8B494E

CSS Examples

Text

The CSS property to change the color of the text to Hex DC2533 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 #DC2533 looks like.

```
.text, #text, p{  
    color:#DC2533  
}
```

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 #DC2533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC2533
}
```

Border

The CSS property to change the border of an element to Hex DC2533 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
#DC2533 }
```

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

```
.border{ border-color:#DC2533 }
```

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

Here you see how a box with a 4 pixel #DC2533 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC2533; -webkit-box-shadow:4px 4px  
4px 4px #DC2533; box-shadow:4px 4px 4px  
4px #DC2533 }
```

Background

The CSS property to change the background color of an element to Hex DC2533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC2533 }
```

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

```
.background{ background-color:#DC2533 }
```

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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