

Converting Colors

Hex(D01253)

Have a look what the booklet for
Hex(D01253) contains.

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Color

Hex(D01253)

Conversions

Conversions Part 1

Format	Color
Hex	D01253
RGB	208, 18, 83
RGB Percent	82%, 7%, 33%
CMY	0.1843, 0.9294, 0.6745
CMYK	0.00, 0.91, 0.60, 0.18
HSL	339°, 84%, 44%
HSV	339°, 91%, 82%
XYZ	27.7901, 14.4670, 9.5113
YIQ	82.2200, 92.3750, 60.4950

Conversions

Conversions Part 2

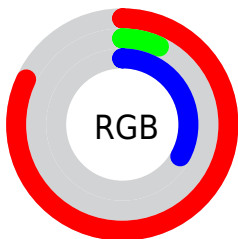
Format	Color
RYB	208, 18, 83
Decimal	13636179
CIELab	44.90, 69.38, 16.25
CIElCh	45, 71.257, 13.183
Yxy	14.4670, 0.5368, 0.2795
Android (android.graphics.Color)	4291826259 (0xFFD01253)
YUV	82.2200, 0.3845, 110.3091
Hunter-Lab	38.0356, 63.8559, 11.7986

Details

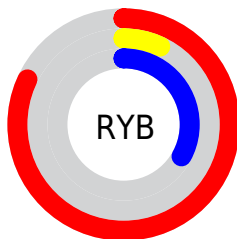
The Hex color **D01253** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **12D08F**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5D84**, and **920027** is the 20% darker color. If you saturate the color by 10%, you get **D00047**, and if you desaturate by 10%, it is **D02761**.

Distribution



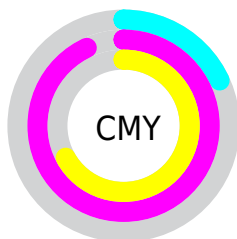
- Red (82%)
- Green (7%)
- Blue (33%)



- Red (82%)
- Yellow (7%)
- Blue (33%)



- Cyan (0%)
- Magenta (91%)
- Yellow (60%)
- Black (18%)



- Cyan (18%)
- Magenta (93%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color D01253 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 D01253 by changing the saturation by 10% instead.

 D01253

 D01253

FFFFFF

 B1003C

 FF5D84

 920027

 FF7A9E

 730013

 FF98B9

 550002

 FFB5D4

 370002

 FFD2F1

 0B0000

 FFF0FF

 000000

 D01253

 D01253

 D00047

 D02761

 D03C6E

 D0507C

 D0658A

 D07A97

 D08FA5

 D0A4B3

 D0B8C0

 D0CDCE

Harmonies

Analogous

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



C1228E



D01253



C13B18

Triad

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



D01253



167C00



007BDD

Complementary

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



D01253



12D08F

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.



0082BB



D01253



008145

Square

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



D01253



697000



008384



0069E0

Rectangle

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



D01253



AA5200



008384



007ED5

Sweetspot

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



D01253



FFBAD2



8E12D0



805765



000000



808080

Same Dimension

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



D01253



FF0057



D02F12



695E62



A8003A



29000E

Inverse Universe

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



D01253



FF0057



12B3D0



695E62



A8003A



29000E

Previews

White Background



This preview shows how the Hex color D01253 looks on a white background.

Color Contrast Check

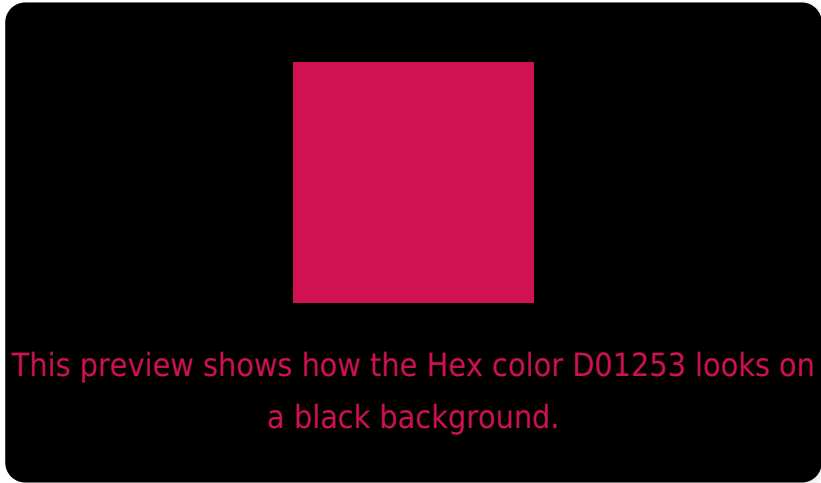
Large Text (above 18pt) WCAG AA ✓ Pass

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 D01253 Background



This preview shows how black text looks on a background with the Hex color D01253.

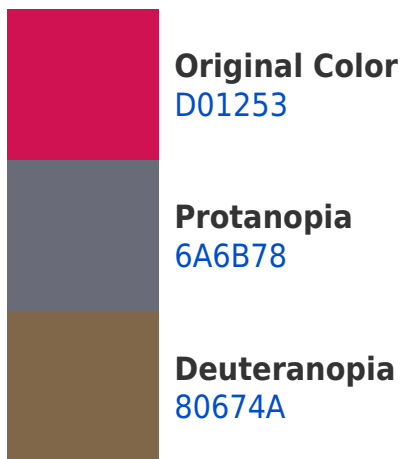


This preview shows how white text looks on a background with the Hex color D01253.

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
D01253



Protanomaly
8F4B6B



Deuteranomaly
9D484D



Tritanomaly
CF1D34

Monochromacy



Original Color
D01253



Achromatopsia
525252



Achromatomaly
803B52

CSS Examples

Text

The CSS property to change the color of the text to Hex D01253 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 #D01253 looks like.

```
.text, #text, p{  
    color:#D01253  
}
```

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 #D01253 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D01253
}
```

Border

The CSS property to change the border of an element to Hex D01253 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
#D01253 }
```

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

```
.border{ border-color:#D01253 }
```

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

Here you see how a box with a 4 pixel #D01253 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D01253; -webkit-box-shadow:4px 4px  
4px 4px #D01253; box-shadow:4px 4px 4px  
4px #D01253 }
```

Background

The CSS property to change the background color of an element to Hex D01253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D01253 }
```

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

```
.background{ background-color:#D01253 }
```

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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