

Converting Colors

Hex(D20345)

Have a look what the booklet for
Hex(D20345) contains.

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Color

Hex(D20345)

Conversions

Conversions Part 1

Format	Color
Hex	D20345
RGB	210, 3, 69
RGB Percent	82%, 1%, 27%
CMY	0.1765, 0.9882, 0.7294
CMYK	0.00, 0.99, 0.67, 0.18
HSL	341°, 97%, 42%
HSV	341°, 99%, 82%
XYZ	27.6851, 14.1964, 6.9112
YIQ	72.4170, 102.1860, 64.4100

Conversions

Conversions Part 2

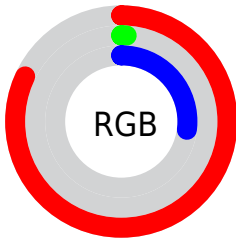
Format	Color
RYB	210, 3, 69
Decimal	13763397
CIELab	44.51, 70.61, 24.55
CIELCh	45, 74.755, 19.175
Yxy	14.1964, 0.5674, 0.2910
Android (android.graphics.Color)	4291953477 (0xFFD20345)
YUV	72.4170, -1.6846, 120.6603
Hunter-Lab	37.6782, 65.2211, 15.4992

Details

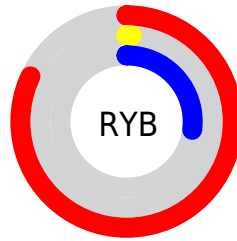
The Hex color **D20345** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **03D290**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF5975**, and **93001B** is the 20% darker color. If you saturate the color by 10%, you get **D20043**, and if you desaturate by 10%, it is **D21853**.

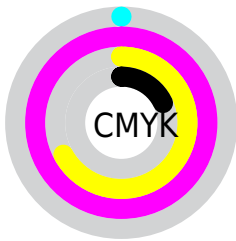
Distribution



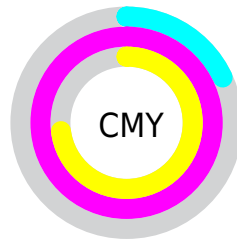
- Red (82%)
- Green (1%)
- Blue (27%)



- Red (82%)
- Yellow (1%)
- Blue (27%)



- Cyan (0%)
- Magenta (99%)
- Yellow (67%)
- Black (18%)



- Cyan (18%)
- Magenta (99%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D20345 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 D20345 by changing the saturation by 10% instead.

 D20345

 D20345

FFFFFF

 B2002F

 FF5975

 93001B

 FF778E

 740000

 FF94A9

 550002

 FFB1C4

 370002

 FFCFE0

 0A0000

 FFEDFC

 000000

 D20345

 D20345

 D20043

 D21853

 D22D62

 D24270

 D2577E

 D26C8D

 D2819B

 D296A9

 D2ABB7

 D2C0C6

Harmonies

Analogous

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



CA0283



D20345



BD3E00

Triad

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



D20345



007D00



0078E5

Complementary

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



D20345



03D290

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.



0081C7



D20345



008250

Square

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



D20345



5B7200



008391



0063E1

Rectangle

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



D20345



A35500



008391



007CDF

Sweetspot

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



D20345



FFB3CB



8D03D2



805260



000000



808080

Same Dimension

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



D20345



FF0051



D22503



695E61



A80036



29000D

Inverse Universe

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



D20345



FF0051



03AFD2



695E61



A80036



29000D

Previews

White Background



This preview shows how the Hex color D20345 looks on a white background.

Color Contrast Check

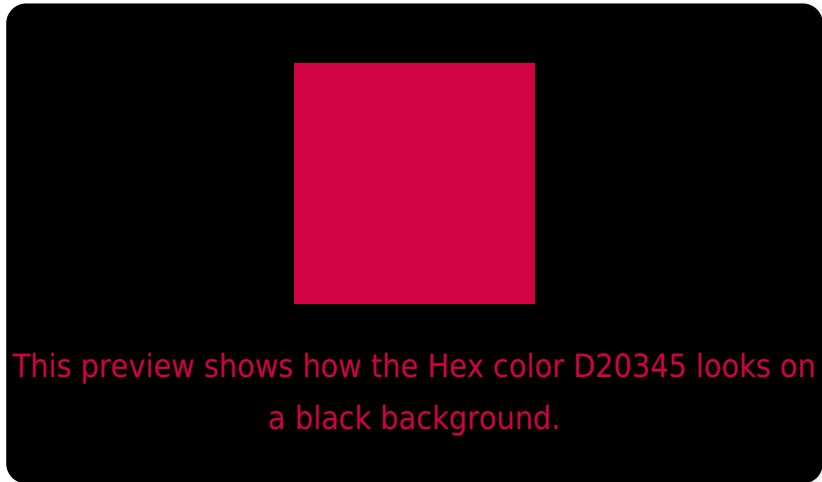
Large Text (above 18pt) WCAG AA ✓ Pass

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 D20345 Background



This preview shows how black text looks on a background with the Hex color D20345.

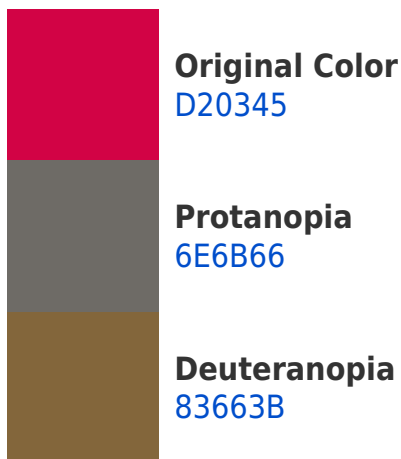


This preview shows how white text looks on a background with the Hex color D20345.

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
D11C18

Trichromacy



Original Color
D20345



Protanomaly
92455A



Deuteranomaly
A0423F



Tritanomaly
D11328

Monochromacy



Original Color
D20345



Achromatopsia
484848



Achromatomaly
7A2F47

CSS Examples

Text

The CSS property to change the color of the text to Hex D20345 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 #D20345 looks like.

```
.text, #text, p{  
    color:#D20345  
}
```

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 #D20345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D20345
}
```

Border

The CSS property to change the border of an element to Hex D20345 is called "border". The border property can be set on classes, ids or directly on the HTML element.

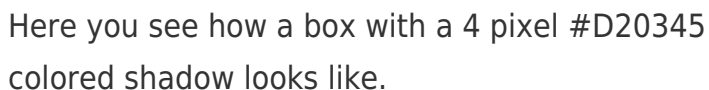
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D20345 }
```

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

```
.border{ border-color:#D20345 }
```

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



Here you see how a box with a 4 pixel #D20345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D20345; -webkit-box-shadow:4px 4px  
4px 4px #D20345; box-shadow:4px 4px 4px  
4px #D20345 }
```

Background

The CSS property to change the background color of an element to Hex D20345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D20345 }
```

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

```
.background{ background-color:#D20345 }
```

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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