

# Converting Colors

Hex(D20052)

Have a look what the booklet for  
Hex(D20052) contains.

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**Color**

**Hex(D20052)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D20052
RGB	210, 0, 82
RGB Percent	82%, 0%, 32%
CMY	0.1765, 1.0000, 0.6784
CMYK	0.00, 1.00, 0.61, 0.18
HSL	337°, 100%, 41%
HSV	337°, 100%, 82%
XYZ	28.1013, 14.3108, 9.2638
YIQ	72.1380, 98.8380, 70.0220

# Conversions

## Conversions Part 2

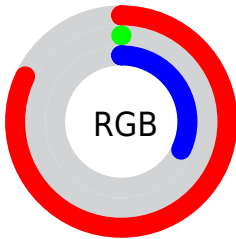
Format	Color
<a href="#">RYB</a>	<a href="#">210, 0, 82</a>
Decimal	<a href="#">13762642</a>
CIELab	<a href="#">44.68, 71.56, 16.65</a>
CIELCh	<a href="#">45, 73.473, 13.097</a>
Yxy	<a href="#">14.3108, 0.5438, 0.2769</a>
Android (android.graphics.Color)	<a href="#">4291952722</a> ( <a href="#">0xFFD20052</a> )
YUV	<a href="#">72.1380, 4.8620, 120.9050</a>
Hunter-Lab	<a href="#">37.8297, 66.3948, 11.9617</a>

# Details

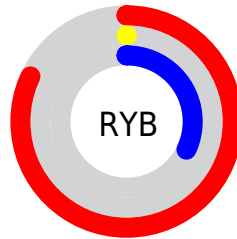
The Hex color **D20052** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **00D280**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF5883**, and **940026** is the 20% darker color. If you saturate the color by 10%, you get **D20052**, and if you desaturate by 10%, it is **D2155F**.

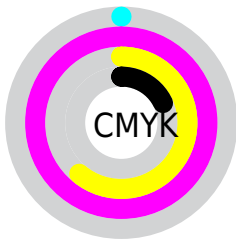
# Distribution



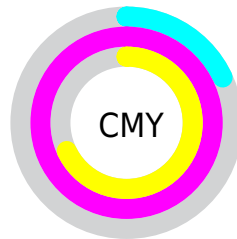
- Red (82%)
- Green (0%)
- Blue (32%)



- Red (82%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)
- Black (18%)



- Cyan (18%)
- Magenta (100%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D20052 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 D20052 by changing the saturation by 10% instead.



 D20052

 D20052

FFFFFF

 B3003B

 FF5883

 940026

 FF779D

 750012

 FF94B8

 570002

 FFB2D3

 380002

 FFCFEF

 0E0000

 FFEDFF

 000000

 D20052

 D2155F

 D22A6C

 D23F78

 D25485

 D26992

 D27E9F

 D293AC

 D2A8B8

 D2BDC5

# Harmonies

## Analogous

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



C31A8F



D20052



C23715

# Triad

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



D20052



0C7B00



007BE0

# Complementary

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



D20052



00D280

# 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.



0082BD



D20052



008143

# Square

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



D20052



696F00



008384



0069E3

# Rectangle

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



D20052



AB5000



008384



007ED8



# Sweetspot

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



D20052



FFB3D0



7E00D2



805264



000000



808080



# Same Dimension

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



D20052



FF0064



D21500



695E62



A80042



290010



# Inverse Universe

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



D20052



FF0064



00BDD2



695E62



A80042



290010



# Previews

## White Background



This preview shows how the Hex color D20052 looks on a white background.

## Color Contrast Check

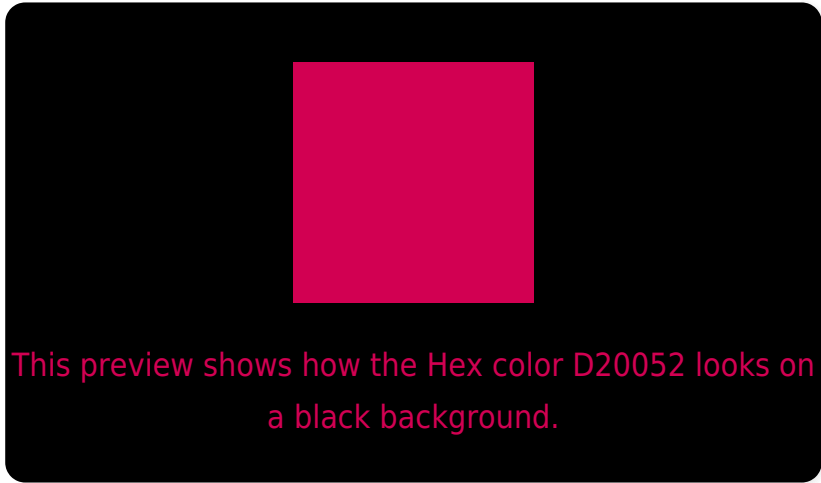
Large Text (above 18pt) WCAG AA ✓ Pass

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 D20052 Background



This preview shows how black text looks on a background with the Hex color D20052.

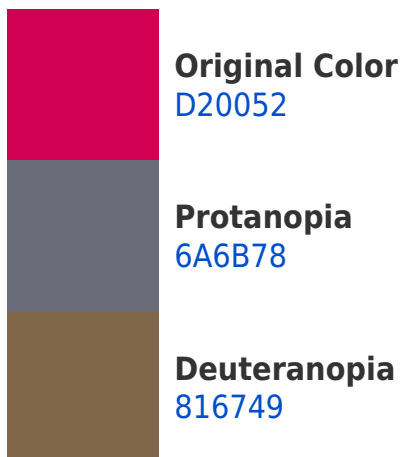


This preview shows how white text looks on a background with the Hex color D20052.

# 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**  
D0211F

# Trichromacy



**Original Color**  
D20052



**Protanomaly**  
90446A



**Deuteranomaly**  
9E424C



**Tritanomaly**  
D11532

# Monochromacy



**Original Color**  
D20052



**Achromatopsia**  
484848



**Achromatomaly**  
7A2E4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D20052 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 #D20052 looks like.

```
.text, #text, p{  
    color:#D20052  
}
```

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 #D20052 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D20052
}
```

## Border

The CSS property to change the border of an element to Hex D20052 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
#D20052 }
```

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

```
.border{ border-color:#D20052 }
```

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

Here you see how a box with a 4 pixel #D20052 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D20052; -webkit-box-shadow:4px 4px  
4px 4px #D20052; box-shadow:4px 4px 4px  
4px #D20052 }
```

# Background

The CSS property to change the background color of an element to Hex D20052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D20052 }
```

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

```
.background{ background-color:#D20052 }
```

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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