

Converting Colors

Hex(D51564)

Have a look what the booklet for
Hex(D51564) contains.

Hex(D51564)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D51564)

Conversions

Conversions Part 1

Format	Color
Hex	D51564
RGB	213, 21, 100
RGB Percent	84%, 8%, 39%
CMY	0.1647, 0.9176, 0.6078
CMYK	0.00, 0.90, 0.53, 0.16
HSL	335°, 82%, 46%
HSV	335°, 90%, 84%
XYZ	30.0090, 15.6026, 13.4865
YIQ	87.4140, 89.0730, 65.2730

Conversions

Conversions Part 2

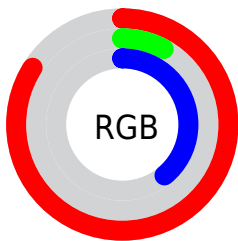
Format	Color
R_{YB}	213, 21, 100
Decimal	13964644
CIE _{Lab}	46.45, 71.29, 7.97
CIE _{LCh}	46, 71.736, 6.382
Yxy	15.6026, 0.5078, 0.2640
Android (android.graphics.Color)	4292154724 (0xFFD51564)
YUV	87.4140, 6.2049, 110.1389
Hunter-Lab	39.5001, 66.4848, 7.4066

Details

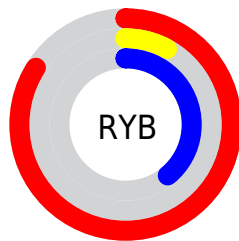
The Hex color **D51564** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **15D586**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF5F96**, and **970036** is the 20% darker color. If you saturate the color by 10%, you get **D50058**, and if you desaturate by 10%, it is **D52A71**.

Distribution



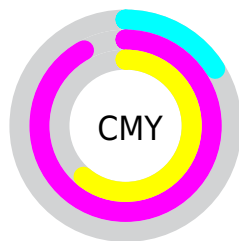
- Red (84%)
- Green (8%)
- Blue (39%)



- Red (84%)
- Yellow (8%)
- Blue (39%)



- Cyan (0%)
- Magenta (90%)
- Yellow (53%)
- Black (16%)



- Cyan (16%)
- Magenta (92%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color D51564 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 D51564 by changing the saturation by 10% instead.

 D51564

 D51564

FFFFFF

 B6004C

 FF5F96

 970036

 FF7DB1

 790021

 FF9ACC

 5B0009

 FFB8E9

 3E0003

 FFD6FF

 1A0001

 FFF4FF

 000000

 D51564

 D51564

 D50058

 D52A71

 D5407D

 D5558A

 D56A96

 D580A3

 D595AF

 D5AABC

 D5BFC8

 D5D5D5

Harmonies

Analogous

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



BE31A0



D51564



CC362A

Triad

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



D51564



377E00



0081DD

Complementary

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



D51564



15D586

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.



0087B5



D51564



00853A

Square

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



D51564



7A7000



00887A



0072E7

Rectangle

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



D51564



B84E00



00887A



0084D3

Sweetspot

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



D51564



FFBAD6



8515D5



805767



000000



808080

Same Dimension

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



D51564



FF0069



D52515



6B6065



AB0046



2B0012

Inverse Universe

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



D51564



FF0069



15C5D5



6B6065



AB0046



2B0012

Previews

White Background



This preview shows how the Hex color D51564 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 D51564 Background



This preview shows how black text looks on a background with the Hex color D51564.

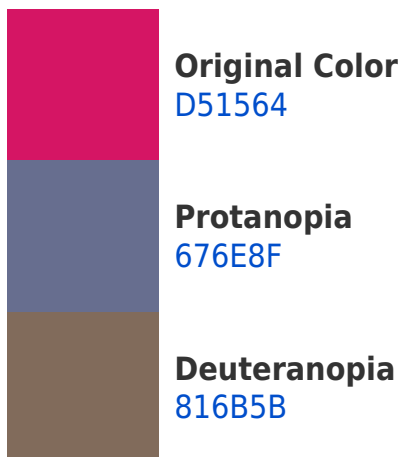


This preview shows how white text looks on a background with the Hex color D51564.

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
D51564



Protanomaly
8F4E7F



Deuteranomaly
A04C5E

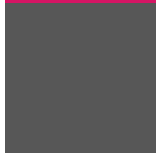


Tritanomaly
D42340

Monochromacy



Original Color
D51564



Achromatopsia
575757



Achromatomaly
853F5C

CSS Examples

Text

The CSS property to change the color of the text to Hex D51564 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 #D51564 looks like.

```
.text, #text, p{  
    color:#D51564  
}
```

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 #D51564 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D51564  
}
```

Border

The CSS property to change the border of an element to Hex D51564 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  
#D51564 }
```

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

```
.border{ border-color:#D51564 }
```

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

Here you see how a box with a 4 pixel #D51564 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D51564; -webkit-box-shadow:4px 4px  
4px 4px #D51564; box-shadow:4px 4px 4px  
4px #D51564 }
```

Background

The CSS property to change the background color of an element to Hex D51564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D51564 }
```

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

```
.background{ background-color:#D51564 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor