

Converting Colors

Hex(D51E72)

Have a look what the booklet for
Hex(D51E72) contains.

Hex(D51E72)	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(D51E72)

Conversions

Conversions Part 1

Format	Color
Hex	D51E72
RGB	213, 30, 114
RGB Percent	84%, 12%, 45%
CMY	0.1647, 0.8824, 0.5529
CMYK	0.00, 0.86, 0.46, 0.16
HSL	332°, 75%, 48%
HSV	332°, 86%, 84%
XYZ	30.9421, 16.2896, 17.4330
YIQ	94.2930, 82.1040, 64.9200

Conversions

Conversions Part 2

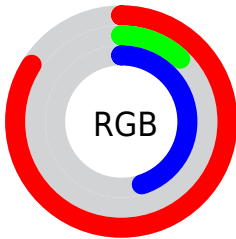
Format	Color
R_{YB}	213, 30, 114
Decimal	13966962
CIE _{Lab}	47.35, 70.89, 0.63
CIE _{LCh}	47, 70.893, 0.507
Yxy	16.2896, 0.4785, 0.2519
Android (android.graphics.Color)	4292157042 (0xFFD51E72)
YUV	94.2930, 9.7156, 104.1060
Hunter-Lab	40.3604, 66.2157, 2.6430

Details

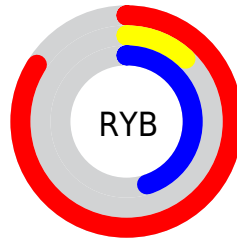
The Hex color **D51E72** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **1ED581**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF63A6**, and **980042** is the 20% darker color. If you saturate the color by 10%, you get **D50966**, and if you desaturate by 10%, it is **D5337E**.

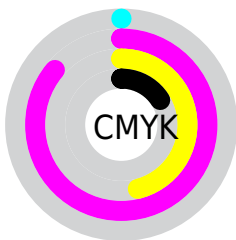
Distribution



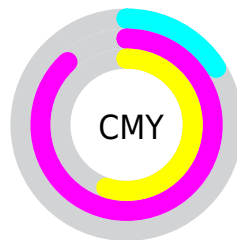
- Red (84%)
- Green (12%)
- Blue (45%)



- Red (84%)
- Yellow (12%)
- Blue (45%)



- Cyan (0%)
- Magenta (86%)
- Yellow (46%)
- Black (16%)



- Cyan (16%)
- Magenta (88%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color D51E72 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 D51E72 by changing the saturation by 10% instead.

 D51E72

 D51E72

FFFFFF

 B6005A

 FF63A6

 980042

 FF81C1

 7A002D

 FF9EDD

 5C0018

 FFBCF9

 410003

 FFD9FF

 1E0001

 FFF8FF

 000000

 D51E72

 D51E72

 D50966

 D5337E

 D50062

 D54989

 D55E95

 D573A0

 D589AC

 D59EB7

 D5B3C3

 D5C8CE

 D5DEDA

Harmonies

Analogous

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



B73DAC



D51E72



D23338

Triad

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



D51E72



4B7E00



0085D9

Complementary

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



D51E72



1ED581

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.



008AAC



D51E72



008630

Square

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



D51E72



876E00



008A70



0078E9

Rectangle

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



D51E72



C14A0C



008A70



0087CC

Sweetspot

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



D51E72



FFBDDB



801ED5



80586A



000000



808080

Same Dimension

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



D51E72



FF0075



D5241E



6B6065



AB004E



2B0014

Inverse Universe

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



D51E72



FF0075



1ECFD5



6B6065



AB004E



2B0014

Previews

White Background



This preview shows how the Hex color D51E72 looks on a white background.

Color Contrast Check

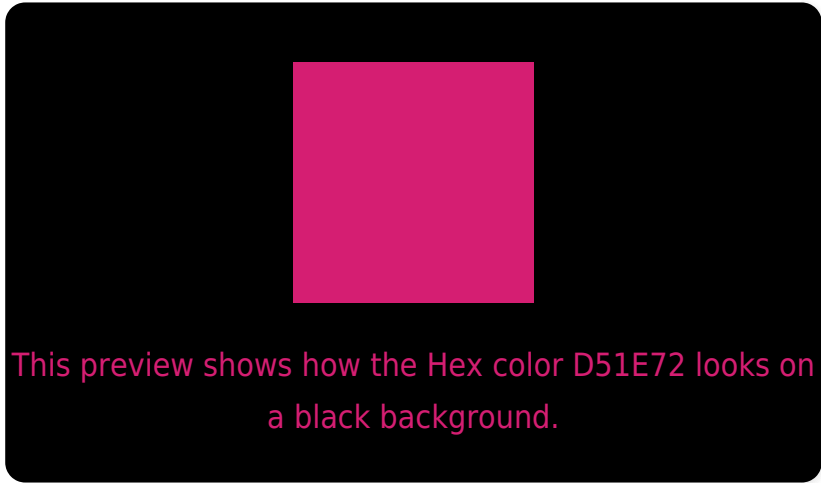
Large Text (above 18pt) WCAG AA ✓ Pass

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 D51E72 Background



This preview shows how black text looks on a background with the Hex color D51E72.




This preview shows how white text looks on a background with the Hex color D51E72.

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
D23435

Trichromacy



Original Color
D51E72



Protanomaly
8C528F



Deuteranomaly
9E506C

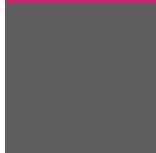


Tritanomaly
D32C4B

Monochromacy



Original Color
D51E72



Achromatopsia
5E5E5E



Achromatomaly
894765

CSS Examples

Text

The CSS property to change the color of the text to Hex D51E72 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 #D51E72 looks like.

```
.text, #text, p{  
    color:#D51E72  
}
```

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 #D51E72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D51E72
}
```

Border

The CSS property to change the border of an element to Hex D51E72 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
#D51E72 }
```

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

```
.border{ border-color:#D51E72 }
```

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

Here you see how a box with a 4 pixel #D51E72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D51E72; -webkit-box-shadow:4px 4px  
4px 4px #D51E72; box-shadow:4px 4px 4px  
4px #D51E72 }
```

Background

The CSS property to change the background color of an element to Hex D51E72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D51E72 }
```

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

```
.background{ background-color:#D51E72 }
```

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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