

Converting Colors

Hex(D9355B)

Have a look what the booklet for
Hex(D9355B) contains.

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Color

Hex(D9355B)

Conversions

Conversions Part 1

Format	Color
Hex	D9355B
RGB	217, 53, 91
RGB Percent	85%, 21%, 36%
CMY	0.1490, 0.7922, 0.6431
CMYK	0.00, 0.76, 0.58, 0.15
HSL	346°, 68%, 53%
HSV	346°, 76%, 85%
XYZ	31.7767, 18.0533, 11.7073
YIQ	106.3680, 85.5460, 46.5860

Conversions

Conversions Part 2

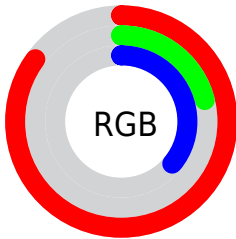
Format	Color
R_{YB}	217, 53, 91
Decimal	14234971
CIE _{Lab}	49.56, 64.44, 17.93
CIE _{LCh}	50, 66.884, 15.552
Yxy	18.0533, 0.5164, 0.2934
Android (android.graphics.Color)	4292425051 (0xFFD9355B)
YUV	106.3680, -7.5764, 97.0243
Hunter-Lab	42.4891, 59.1404, 13.4058

Details

The Hex color **D9355B** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **35D9B3**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF718D**, and **9B002E** is the 20% darker color. If you saturate the color by 10%, you get **D91F4A**, and if you desaturate by 10%, it is **D94B6C**.

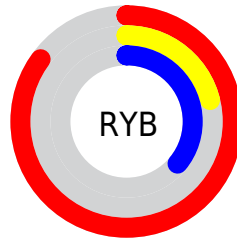
Distribution



Red (85%)

Green (21%)

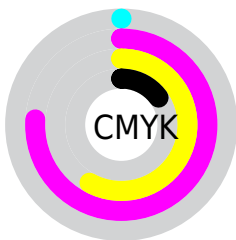
Blue (36%)



Red (85%)

Yellow (21%)

Blue (36%)

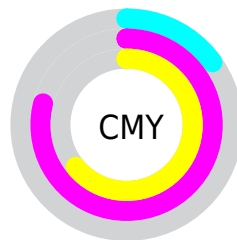


Cyan (0%)

Magenta (76%)

Yellow (58%)

Black (15%)



Cyan (15%)

Magenta (79%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9355B 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 D9355B by changing the saturation by 10% instead.

 D9355B

 D9355B

FFFFFF

 BA0644

 FF718D

 9B002E

 FF8EA7

 7D001A

 FFABC2

 5F0000

 FFC8DE

 430003

 FFE5FB

 210001

 000000

 D9355B

 D9355B

 D91F4A

 D94B6C

 D90A3A

 D9607C

 D90032

 D9768D

 D98C9E

 D9A2AE

 D9B7BF

 D9CDD0

 D9E3E0

 D9F8F1

Harmonies

Analogous

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



CC3A94



D9355B



C94E25

Triad

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



D9355B



29881A



0084E5

Complementary

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



D9355B



35D9B3

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.



008DC6



D9355B



008D57

Square

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



D9355B



737C00



008F93



1C73E4

Rectangle

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



D9355B



B36100



008F93



0088DE

Sweetspot

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



D9355B



FFC4D2



B335D9



805C64



000000



808080

Same Dimension

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



D9355B



FF174D



D96135



6E6365



AD0028



2E000B

Inverse Universe

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



D9355B



FF174D



35ADD9



6E6365



AD0028



2E000B

Previews

White Background



This preview shows how the Hex color D9355B looks on a white background.

Color Contrast Check

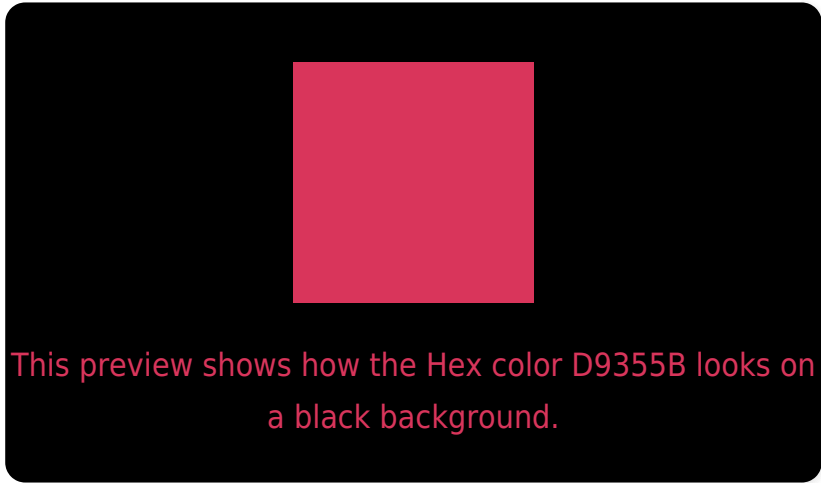
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D9355B Background



This preview shows how black text looks on a background with the Hex color D9355B.



This preview shows how white text looks on a background with the Hex color D9355B.

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



Original Color
D9355B

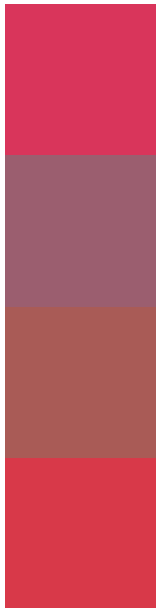
Protanopia
78767A

Deuteranopia
8D7153



Tritanopia
D83B3E

Trichromacy



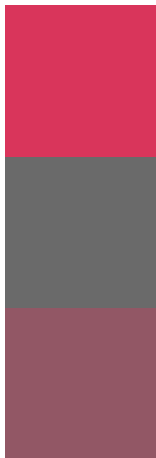
Original Color
D9355B

Protanomaly
9B5E6F

Deuteranomaly
A95B56

Tritanomaly
D83949

Monochromacy



Original Color
D9355B

Achromatopsia
6A6A6A

Achromatomaly
925765

CSS Examples

Text

The CSS property to change the color of the text to Hex D9355B 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 #D9355B looks like.

```
.text, #text, p{  
    color:#D9355B  
}
```

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 #D9355B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9355B
}
```

Border

The CSS property to change the border of an element to Hex D9355B 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
#D9355B }
```

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

```
.border{ border-color:#D9355B }
```

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

Here you see how a box with a 4 pixel #D9355B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9355B; -webkit-box-shadow:4px 4px  
4px 4px #D9355B; box-shadow:4px 4px 4px  
4px #D9355B }
```

Background

The CSS property to change the background color of an element to Hex D9355B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9355B }
```

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

```
.background{ background-color:#D9355B }
```

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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