

Converting Colors

Hex(D1353A)

Have a look what the booklet for
Hex(D1353A) contains.

Hex(D1353A)	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(D1353A)

Conversions

Conversions Part 1

Format	Color
Hex	D1353A
RGB	209, 53, 58
RGB Percent	82%, 21%, 23%
CMY	0.1804, 0.7922, 0.7725
CMYK	0.00, 0.75, 0.72, 0.18
HSL	358°, 63%, 51%
HSV	358°, 75%, 82%
XYZ	28.3313, 16.4070, 5.6766
YIQ	100.2140, 91.3710, 34.6270

Conversions

Conversions Part 2

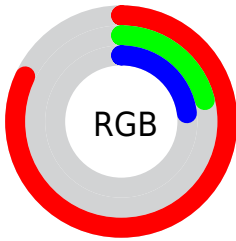
Format	Color
RYB	209, 53, 58
Decimal	13710650
CIELab	47.50, 60.28, 34.77
CIELCh	48, 69.588, 29.982
Yxy	16.4070, 0.5620, 0.3254
Android (android.graphics.Color)	4291900730 (0xFFD1353A)
YUV	100.2140, -20.8115, 95.4053
Hunter-Lab	40.5056, 53.9658, 20.0447

Details

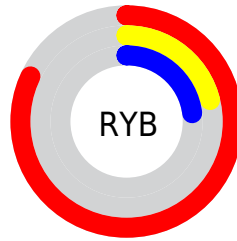
The Hex color **D1353A** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **35D1CC**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF6F69**, and **920010** is the 20% darker color. If you saturate the color by 10%, you get **D12026**, and if you desaturate by 10%, it is **D14A4E**.

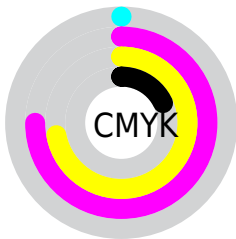
Distribution



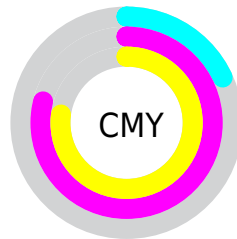
- Red (82%)
- Green (21%)
- Blue (23%)



- Red (82%)
- Yellow (21%)
- Blue (23%)



- Cyan (0%)
- Magenta (75%)
- Yellow (72%)
- Black (18%)



- Cyan (18%)
- Magenta (79%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1353A 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 D1353A by changing the saturation by 10% instead.

 D1353A

 D1353A

FFFFFF

 B20C24

 FF6F69

 920010

 FF8C83

 740000

 FFA89D

 550000

 FFC5B8

 390002

 FFE2D4

 100000

 FFFFF0

 000000

 D1353A

 D1353A

 D12026

 D14A4E

 D10B12

 D15F62

 D10007

 D17477

 D1898B

 D19E9F

 D1B2B3

 D1C7C8

 D1DCDC

 D1F1F0

Harmonies

Analogous

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



D42373



D1353A



B55600

Triad

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



D1353A



008631



0078E7

Complementary

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



D1353A



35D1CC

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.



0085D6



D1353A



008A6F

Square

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



D1353A



4E7E00



008AAA



6861D7

Rectangle

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



D1353A



996700



008AAA



007EE5

Sweetspot

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



D1353A



FFC7C9



CC35D1



805E5F



000000



808080

Same Dimension

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



D1353A



FF1921



D17E35



695E5E



A80005



290001

Inverse Universe

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



D1353A



FF1921



3588D1



695E5E



A80005



290001

Previews

White Background



This preview shows how the Hex color D1353A looks on a white background.

Color Contrast Check

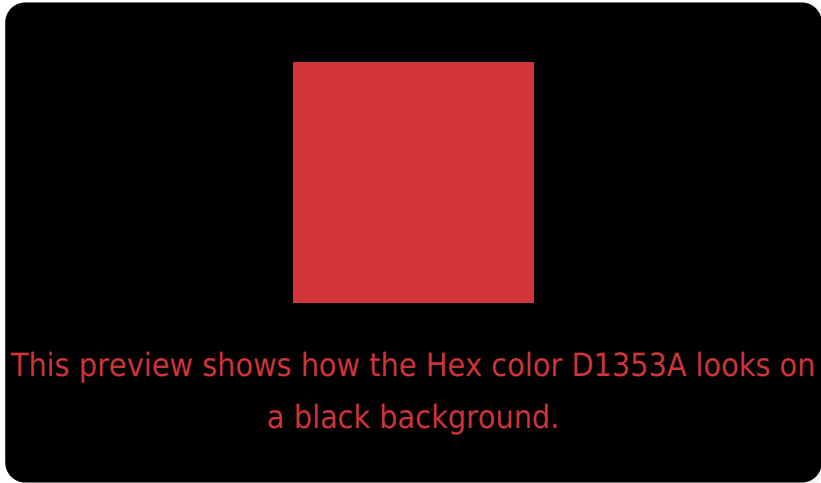
Large Text (above 18pt) WCAG AA ✓ Pass

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 D1353A Background



This preview shows how black text looks on a background with the Hex color D1353A.



This preview shows how white text looks on a background with the Hex color D1353A.

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
D1353A

Protanopia
7B714F

Deuteranopia
8D6C30

Trichromacy



Original Color
D1353A

Protanomaly
9A5B47

Deuteranomaly
A65834

Tritanomaly
D13538

Monochromacy



Original Color
D1353A

Achromatopsia
646464

Achromatomaly
8C5355

CSS Examples

Text

The CSS property to change the color of the text to Hex D1353A 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 #D1353A looks like.

```
.text, #text, p{  
    color:#D1353A  
}
```

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 #D1353A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1353A
}
```

Border

The CSS property to change the border of an element to Hex D1353A 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
#D1353A }
```

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

```
.border{ border-color:#D1353A }
```

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

Here you see how a box with a 4 pixel #D1353A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1353A; -webkit-box-shadow:4px 4px  
4px 4px #D1353A; box-shadow:4px 4px 4px  
4px #D1353A }
```

Background

The CSS property to change the background color of an element to Hex D1353A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1353A }
```

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

```
.background{ background-color:#D1353A }
```

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