

Converting Colors

Hex(D6133A)

Have a look what the booklet for
Hex(D6133A) contains.

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Color

Hex(D6133A)

Conversions

Conversions Part 1

Format	Color
Hex	D6133A
RGB	214, 19, 58
RGB Percent	84%, 7%, 23%
CMY	0.1608, 0.9255, 0.7725
CMYK	0.00, 0.91, 0.73, 0.16
HSL	348°, 84%, 46%
HSV	348°, 91%, 84%
XYZ	28.7281, 15.0674, 5.3971
YIQ	81.7510, 103.7010, 53.4690

Conversions

Conversions Part 2

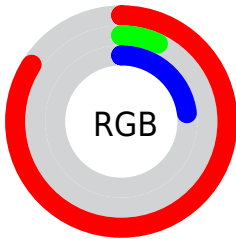
Format	Color
RYB	214, 19, 58
Decimal	14029626
CIELab	45.73, 69.49, 32.96
CIELCh	46, 76.909, 25.373
Yxy	15.0674, 0.5840, 0.3063
Android (android.graphics.Color)	4292219706 (0xFFD6133A)
YUV	81.7510, -11.7092, 115.9824
Hunter-Lab	38.8167, 64.1781, 18.9279

Details

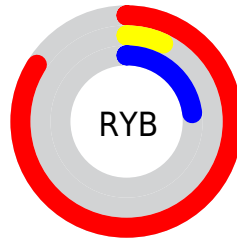
The Hex color **D6133A** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **13D6AF**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5D69**, and **960011** is the 20% darker color. If you saturate the color by 10%, you get **D6002B**, and if you desaturate by 10%, it is **D6284B**.

Distribution



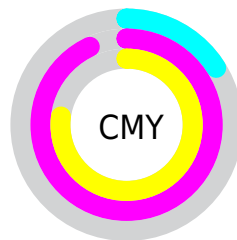
- Red (84%)
- Green (7%)
- Blue (23%)



- Red (84%)
- Yellow (7%)
- Blue (23%)



- Cyan (0%)
- Magenta (91%)
- Yellow (73%)
- Black (16%)



- Cyan (16%)
- Magenta (93%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6133A 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 D6133A by changing the saturation by 10% instead.

 D6133A

 D6133A

FFFFFF

 B60025

 FF5D69

 960011

 FF7B82

 770000

 FF989C

 580002

 FFB6B7

 3A0002

 FFD3D3

 130000

 FFF1EF

 000000

 D6133A

 D6133A

 D6002B

 D6284B

 D63E5C

 D6536D

 D6697E

 D67E90

 D693A1

 D6A9B2

 D6BEC3

 D6D4D4

Harmonies

Analogous

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



D50079



D6133A



BB4800

Triad

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



D6133A



008217



0078EF

Complementary

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



D6133A



13D6AF

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.



0084D7



D6133A



008660

Square

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



D6133A



4F7900



0087A2



4460E2

Rectangle

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



D6133A



9E5E00



0087A2



007DEA

Sweetspot

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



D6133A



FFBAC8



AF13D6



80575F



000000



808080

Same Dimension

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



D6133A



FF0033



D64E13



6B6063



AB0022



2B0009

Inverse Universe

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



D6133A



FF0033



139BD6



6B6063



AB0022



2B0009

Previews

White Background



This preview shows how the Hex color D6133A 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 D6133A Background



This preview shows how black text looks on a background with the Hex color D6133A.



This preview shows how white text looks on a background with the Hex color D6133A.

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
D6133A

Protanopia
756D56

Deuteranopia
88682F



Tritanopia
D51D19

Trichromacy



Original Color
D6133A

Protanomaly
984C4C

Deuteranomaly
A44933

Tritanomaly
D51925

Monochromacy



Original Color
D6133A

Achromatopsia
525252

Achromatomaly
823B49

CSS Examples

Text

The CSS property to change the color of the text to Hex D6133A 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 #D6133A looks like.

```
.text, #text, p{  
    color:#D6133A  
}
```

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 #D6133A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6133A
}
```

Border

The CSS property to change the border of an element to Hex D6133A 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
#D6133A }
```

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

```
.border{ border-color:#D6133A }
```

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

Here you see how a box with a 4 pixel #D6133A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6133A; -webkit-box-shadow:4px 4px  
4px 4px #D6133A; box-shadow:4px 4px 4px  
4px #D6133A }
```

Background

The CSS property to change the background color of an element to Hex D6133A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6133A }
```

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

```
.background{ background-color:#D6133A }
```

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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