

Converting Colors

Hex(D50C23)

Have a look what the booklet for
Hex(D50C23) contains.

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Color

Hex(D50C23)

Conversions

Conversions Part 1

Format	Color
Hex	D50C23
RGB	213, 12, 35
RGB Percent	84%, 5%, 14%
CMY	0.1647, 0.9529, 0.8627
CMYK	0.00, 0.94, 0.84, 0.16
HSL	353°, 89%, 44%
HSV	353°, 94%, 84%
XYZ	27.8754, 14.5304, 2.9256
YIQ	74.7210, 112.4130, 49.7650

Conversions

Conversions Part 2

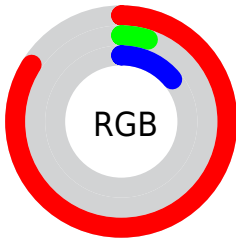
Format	Color
RYB	213, 12, 35
Decimal	13962275
CIELab	44.98, 69.34, 45.24
CIELCh	45, 82.791, 33.125
Yxy	14.5304, 0.6149, 0.3205
Android (android.graphics.Color)	4292152355 (0xFFD50C23)
YUV	74.7210, -19.5825, 121.2707
Hunter-Lab	38.1188, 63.8251, 22.1327

Details

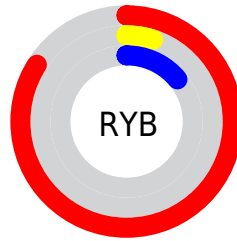
The Hex color **D50C23** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **0CD5BE**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF5A51**, and **950000** is the 20% darker color. If you saturate the color by 10%, you get **D50018**, and if you desaturate by 10%, it is **D52136**.

Distribution



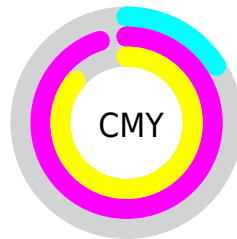
- Red (84%)
- Green (5%)
- Blue (14%)



- Red (84%)
- Yellow (5%)
- Blue (14%)



- Cyan (0%)
- Magenta (94%)
- Yellow (84%)
- Black (16%)



- Cyan (16%)
- Magenta (95%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color D50C23 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 D50C23 by changing the saturation by 10% instead.

 D50C23

 D50C23

FFFFFFF

 B5000D

 FF5A51

 950000

 FF786A

 750000

 FF9683

 560002

 FFB39E

 380002

 FFD0B9

 0C0000

 FFEED4

 000000

 FFFFFF1

 D50C23

 D50C23

 D50018

 D52136

 D53749

 D54C5C

 D5616E

 D57681

 D58C94

 D5A1A7

 D5B6BA

 D5CCCD

Harmonies

Analogous

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



DD0067



D50C23



B24C00

Triad

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



D50C23



008224



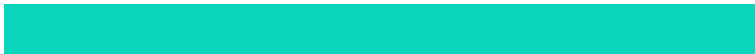
0072F7

Complementary

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



D50C23



0CD5BE

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.



0081E7



D50C23



008670

Square

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



D50C23



2E7B00



0086B5



6753E0

Rectangle

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



D50C23



8F6200



0086B5



0079F6

Sweetspot

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



D50C23



FFB8C0



BE0CD5



805459



000000



808080

Same Dimension

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



D50C23



FF001D



D5590C



6B6062



AB0014



2B0005

Inverse Universe

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



D50C23



FF001D



0C88D5



6B6062



AB0014



2B0005

Previews

White Background



This preview shows how the Hex color D50C23 looks on a white background.

Color Contrast Check

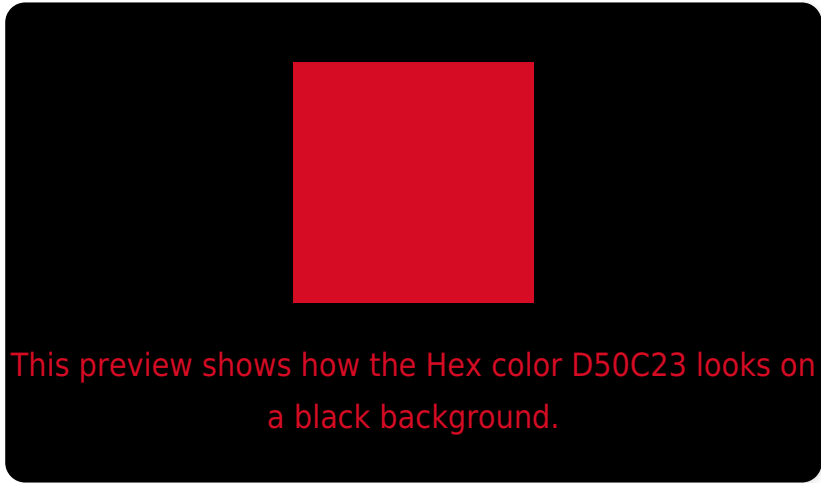
Large Text (above 18pt) WCAG AA ✓ Pass

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 D50C23 Background



This preview shows how black text looks on a background with the Hex color D50C23.



This preview shows how white text looks on a background with the Hex color D50C23.

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
D50C23

Protanopia
776C38

Deuteranopia
89660A



Tritanopia
D51300

Trichromacy



Original Color
D50C23



Protanomaly
994930



Deuteranomaly
A54513



Tritanomaly
D5100D

Monochromacy



Original Color
D50C23



Achromatopsia
4B4B4B



Achromatomaly
7D343C

CSS Examples

Text

The CSS property to change the color of the text to Hex D50C23 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 #D50C23 looks like.

```
.text, #text, p{  
    color:#D50C23  
}
```

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 #D50C23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D50C23
}
```

Border

The CSS property to change the border of an element to Hex D50C23 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".

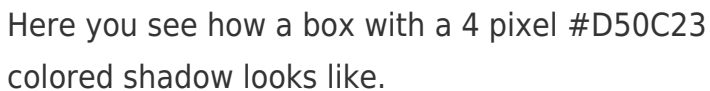
```
.border, #border, table{ border:4px solid
#D50C23 }
```

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

```
.border{ border-color:#D50C23 }
```

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

Here you see how a box with a 4 pixel #D50C23 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D50C23; -webkit-box-shadow:4px 4px  
4px 4px #D50C23; box-shadow:4px 4px 4px  
4px #D50C23 }
```

Background

The CSS property to change the background color of an element to Hex D50C23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D50C23 }
```

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

```
.background{ background-color:#D50C23 }
```

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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