

Converting Colors

Hex(D10510)

Have a look what the booklet for
Hex(D10510) contains.

Hex(D10510)	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(D10510)

Conversions

Conversions Part 1

Format	Color
Hex	D10510
RGB	209, 5, 16
RGB Percent	82%, 2%, 6%
CMY	0.1804, 0.9804, 0.9373
CMYK	0.00, 0.98, 0.92, 0.18
HSL	357°, 95%, 42%
HSV	357°, 98%, 82%
XYZ	26.4423, 13.7013, 1.7412
YIQ	67.2500, 118.0530, 46.6690

Conversions

Conversions Part 2

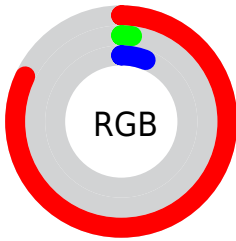
Format	Color
RYB	209, 5, 16
Decimal	13698320
CIELab	43.80, 68.64, 52.72
CIELCh	44, 86.549, 37.526
Yxy	13.7013, 0.6313, 0.3271
Android (android.graphics.Color)	4291888400 (0xFFD10510)
YUV	67.2500, -25.2662, 124.3148
Hunter-Lab	37.0152, 62.7371, 23.1217

Details

The Hex color **D10510** 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 **05D1C6**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **FF5840**, and **900000** is the 20% darker color. If you saturate the color by 10%, you get **D1000B**, and if you desaturate by 10%, it is **D11A24**.

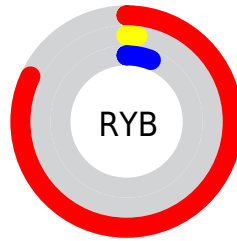
Distribution



Red (82%)

Green (2%)

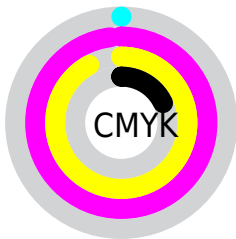
Blue (6%)



Red (82%)

Yellow (2%)

Blue (6%)

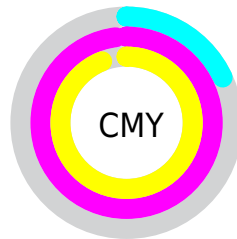


Cyan (0%)

Magenta (98%)

Yellow (92%)

Black (18%)



Cyan (18%)

Magenta (98%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color D10510 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 D10510 by changing the saturation by 10% instead.

 D10510

 D10510

 FFFFFB

 B00000

 FF5840

 900000

 FF7558

 700000

 FF9372

 520002

 FFB08C

 330002

 FFCDA6

 000000

 FFEBC2

 FFFFDE

 D10510

 D10510

 D1000B

 D11A24

 D12F38

 D1444B

 D1595F

 D16E73

 D18287

 D1979A

 D1ACAE

 D1C1C2

Harmonies

Analogous

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



DF0059



D10510



A94E00

Triad

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



D10510



00802B



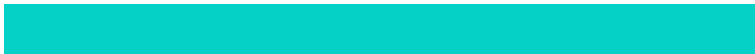
006DF9

Complementary

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



D10510



05D1C6

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.



007EEF



D10510



008379

Square

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



D10510



007A00



0083BF



7748DC

Rectangle

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



D10510



846300



0083BF



0074FA

Sweetspot

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



D10510



FFB5B9



C305D1



805355



000000



808080

Same Dimension

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



D10510



FF000E



D15D05



695E5F



A80009



290002

Inverse Universe

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



D10510



FF000E



0579D1



695E5F



A80009



290002

Previews

White Background



This preview shows how the Hex color D10510 looks on a white background.

Color Contrast Check

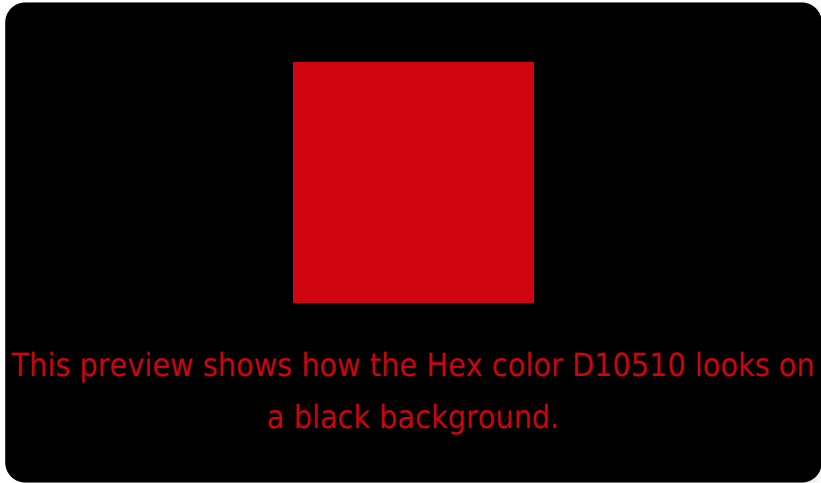
Large Text (above 18pt) WCAG AA ✓ Pass

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 D10510 Background



This preview shows how black text looks on a background with the Hex color D10510.



This preview shows how white text looks on a background with the Hex color D10510.

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
D10510

Protanopia
766A22

Deuteranopia
856400



Tritanopia
D01300

Trichromacy



Original Color
D10510

Protanomaly
97451B

Deuteranomaly
A14106

Tritanomaly
D00E06

Monochromacy



Original Color
D10510

Achromatopsia
434343

Achromatomaly
772C30

CSS Examples

Text

The CSS property to change the color of the text to Hex D10510 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 #D10510 looks like.

```
.text, #text, p{  
    color:#D10510  
}
```

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 #D10510 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D10510
}
```

Border

The CSS property to change the border of an element to Hex D10510 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".

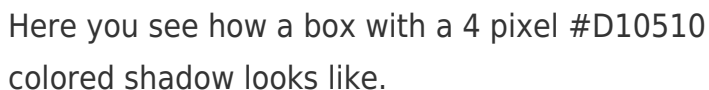
```
.border, #border, table{ border:4px solid
#D10510 }
```

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

```
.border{ border-color:#D10510 }
```

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

Here you see how a box with a 4 pixel #D10510 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D10510; -webkit-box-shadow:4px 4px  
4px 4px #D10510; box-shadow:4px 4px 4px  
4px #D10510 }
```

Background

The CSS property to change the background color of an element to Hex D10510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D10510 }
```

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

```
.background{ background-color:#D10510 }
```

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