

Converting Colors

Hex(DE1C05)

Have a look what the booklet for
Hex(DE1C05) contains.

| | |
|--|----|
| Hex(DE1C05) | 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(DE1C05)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DE1C05 |
| RGB | 222, 28, 5 |
| RGB Percent | 87%, 11%, 2% |
| CMY | 0.1294, 0.8902, 0.9804 |
| CMYK | 0.00, 0.87, 0.98, 0.13 |
| HSL | 6°, 96%, 45% |
| HSV | 6°, 98%, 87% |
| XYZ | 30.5668, 16.3711, 1.6925 |
| YIQ | 83.3840, 123.0070, 33.9750 |

Conversions

Conversions Part 2

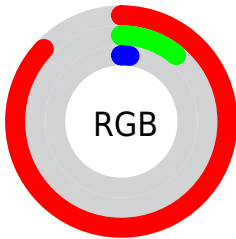
| Format | Color |
|-------------------------------------|---|
| RYB | 222, 31, 5 |
| Decimal | 14556165 |
| CIELab | 47.46, 69.04, 59.50 |
| CIElCh | 47, 91.138, 40.754 |
| Yxy | 16.3711, 0.6286, 0.3366 |
| Android (android.graphics.Color) | 4292746245 (0xFFDE1C05) |
| YUV | 83.3840, -38.6433, 121.5662 |
| Hunter-Lab | 40.4612, 64.0428, 25.8428 |

Details

The Hex color **DE1C05** 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 **05C7DE**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF623B**, and **9C0000** is the 20% darker color. If you saturate the color by 10%, you get **DE1800**, and if you desaturate by 10%, it is **DE301B**.

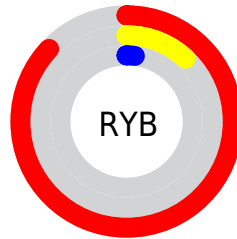
Distribution



Red (87%)

Green (11%)

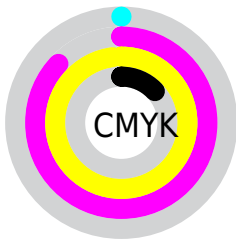
Blue (2%)



Red (87%)

Yellow (12%)

Blue (2%)

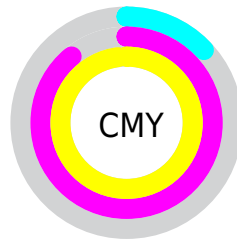


Cyan (0%)

Magenta (87%)

Yellow (98%)

Black (13%)



Cyan (13%)

Magenta (89%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE1C05 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 DE1C05 by changing the saturation by 10% instead.

 DE1C05

 DE1C05

 FFFFF7

 BD0000

 FF623B

 9C0000

 FF7F54

 7C0000

 FF9C6E

 5D0001

 FFBA88

 400003

 FFD7A3

 1C0001

 FFF5BE

 000000

 FFFFDB

 DE1C05

 DE1C05

 DE1800

 DE301B

 DE4431

 DE5848

 DE6B5E

 DE7F74

 DE938A

 DEA7A0

 DEBBB7

 DECFCF

Harmonies

Analogous

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



F00059



DE1C05



B15900

Triad

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



DE1C05



008C39



0073FF

Complementary

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



DE1C05



05C7DE

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.



0087FF



DE1C05



008F8B

Square

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



DE1C05



008500



008ED5



8F49E7

Rectangle

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



DE1C05



886F00



008ED5



007CFF

Sweetspot

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



DE1C05



FFBDB5



DE05C8



805853



000000



808080

Same Dimension

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



DE1C05



FF1B00



DE8705



706665



B01300



300500

Inverse Universe

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



05C7DE



00E4FF



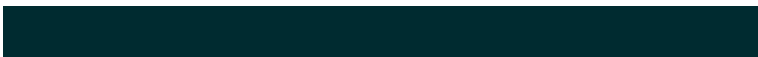
055CDE



656F70



009DB0



002B30

Previews

White Background



This preview shows how the Hex color DE1C05 looks on a white background.

Color Contrast Check

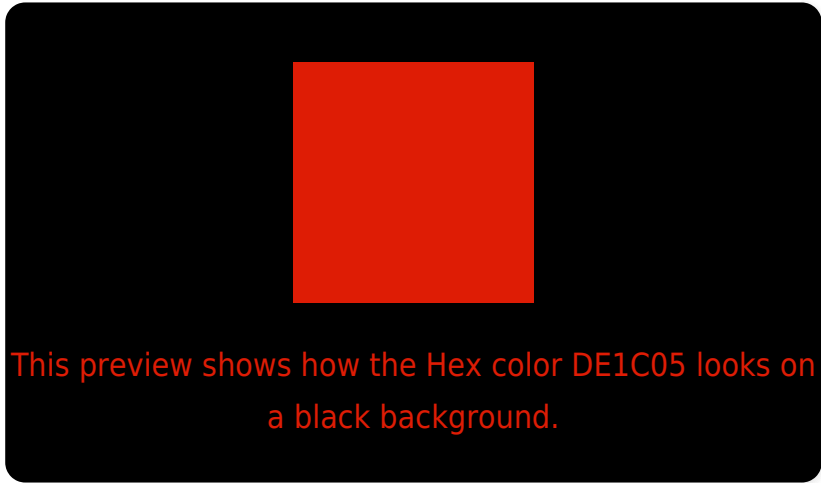
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE1C05 Background



This preview shows how black text looks on a background with the Hex color DE1C05.



This preview shows how white text looks on a background with the Hex color DE1C05.

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
DE1C05

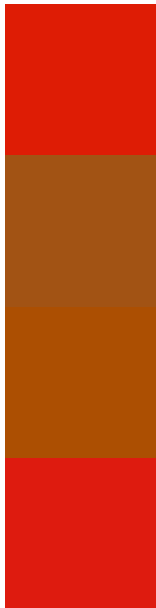
Protanopia
80721C

Deuteranopia
8F6C00



Tritanopia
DE1B15

Trichromacy



Original Color
DE1C05

Protanomaly
A25314

Deuteranomaly
AC4F02

Tritanomaly
DE1B0F

Monochromacy



Original Color
DE1C05

Achromatopsia
535353

Achromatomaly
863F37

CSS Examples

Text

The CSS property to change the color of the text to Hex DE1C05 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 #DE1C05 looks like.

```
.text, #text, p{  
    color:#DE1C05  
}
```

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 #DE1C05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE1C05
}
```

Border

The CSS property to change the border of an element to Hex DE1C05 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
#DE1C05 }
```

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

```
.border{ border-color:#DE1C05 }
```

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

Here you see how a box with a 4 pixel #DE1C05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE1C05; -webkit-box-shadow:4px 4px  
4px 4px #DE1C05; box-shadow:4px 4px 4px  
4px #DE1C05 }
```

Background

The CSS property to change the background color of an element to Hex DE1C05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE1C05 }
```

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

```
.background{ background-color:#DE1C05 }
```

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