

Converting Colors

Hex(DE221A)

Have a look what the booklet for
Hex(DE221A) contains.

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Color

Hex(DE221A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DE221A |
| RGB | 222, 34, 26 |
| RGB Percent | 87%, 13%, 10% |
| CMY | 0.1294, 0.8667, 0.8980 |
| CMYK | 0.00, 0.85, 0.88, 0.13 |
| HSL | 2°, 79%, 49% |
| HSV | 2°, 88%, 87% |
| XYZ | 30.8827, 16.7482, 2.5823 |
| YIQ | 89.3000, 114.6160, 37.3680 |

Conversions

Conversions Part 2

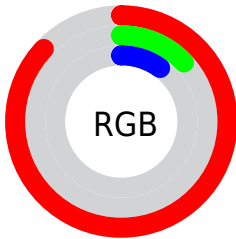
| Format | Color |
|-------------------------------------|---|
| RYB | 222, 34, 26 |
| Decimal | 14557722 |
| CIELab | 47.94, 68.13, 52.78 |
| CIELCh | 48, 86.184, 37.766 |
| Yxy | 16.7482, 0.6150, 0.3335 |
| Android (android.graphics.Color) | 4292747802 (0xFFDE221A) |
| YUV | 89.3000, -31.2069, 116.3779 |
| Hunter-Lab | 40.9246, 63.0823, 24.9061 |

Details

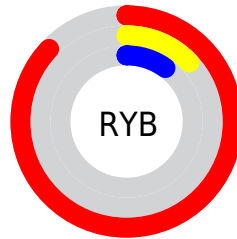
The Hex color **DE221A** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **1AD6DE**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF654A**, and **9D0000** is the 20% darker color. If you saturate the color by 10%, you get **DE0D04**, and if you desaturate by 10%, it is **DE3730**.

Distribution



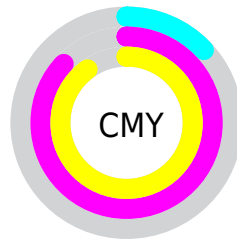
- Red (87%)
- Green (13%)
- Blue (10%)



- Red (87%)
- Yellow (13%)
- Blue (10%)



- Cyan (0%)
- Magenta (85%)
- Yellow (88%)
- Black (13%)



- Cyan (13%)
- Magenta (87%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE221A 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 DE221A by changing the saturation by 10% instead.

 DE221A

 DE221A

FFFFFF

 BD0001

 FF654A

 9D0000

 FF8263

 7D0000

 FF9F7C

 5D0001

 FFBC97

 400003

 FFDAB2

 1E0001

 FFF8CD

 000000

 FFFFEA

 DE221A

 DE221A

 DE0D04

 DE3730

 DE0900

 DE4D46

 DE625D

 DE7773

 DE8C89

 DEA29F

 DEB7B5

 DECCCC

 DEE2E2

Harmonies

Analogous

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



EC0063



DE221A



B55800

Triad

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



DE221A



008C36



0076FF

Complementary

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



DE221A



1AD6DE

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.



0088FA



DE221A



008F84

Square

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



DE221A



1A8500



008FCA



8452E7

Rectangle

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



DE221A



906D00



008FCA



007EFF

Sweetspot

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



DE221A



FFBFBD



DE1AD7



805A58



000000



808080

Same Dimension

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



DE221A



FF0A00



DE831A



706565



B00700



300200

Inverse Universe

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



1AD6DE



00F5FF



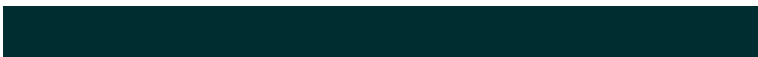
1A75DE



657070



00A9B0



002E30

Previews

White Background



This preview shows how the Hex color DE221A 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 DE221A Background



This preview shows how black text looks on a background with the Hex color DE221A.



This preview shows how white text looks on a background with the Hex color DE221A.

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
DE221A

Protanopia
80732C

Deuteranopia
916D00



Trichromacy



Original Color
DE221A

Protanomaly
A25625

Deuteranomaly
AD5209

Tritanomaly
DE211D

Monochromacy



Original Color
DE221A

Achromatopsia
595959

Achromatomaly
894542

CSS Examples

Text

The CSS property to change the color of the text to Hex DE221A 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 #DE221A looks like.

```
.text, #text, p{  
    color:#DE221A  
}
```

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 #DE221A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE221A
}
```

Border

The CSS property to change the border of an element to Hex DE221A is called "border". The border property can be set on classes, ids or directly on the HTML element.

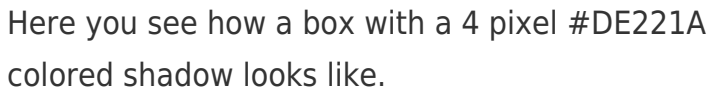
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DE221A }
```

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

```
.border{ border-color:#DE221A }
```

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



Here you see how a box with a 4 pixel `#DE221A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE221A; -webkit-box-shadow:4px 4px  
4px 4px #DE221A; box-shadow:4px 4px 4px  
4px #DE221A }
```

Background

The CSS property to change the background color of an element to Hex DE221A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE221A }
```

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

```
.background{ background-color:#DE221A }
```

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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