

Converting Colors

Hex(DE4250)

Have a look what the booklet for
Hex(DE4250) contains.

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Color

Hex(DE4250)

Conversions

Conversions Part 1

Format	Color
Hex	DE4250
RGB	222, 66, 80
RGB Percent	87%, 26%, 31%
CMY	0.1294, 0.7412, 0.6863
CMYK	0.00, 0.70, 0.64, 0.13
HSL	355°, 70%, 56%
HSV	355°, 70%, 87%
XYZ	33.5204, 20.0052, 9.6841
YIQ	114.2400, 88.4820, 37.4260

Conversions

Conversions Part 2

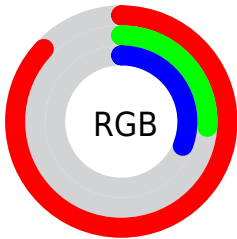
Format	Color
R_{YB}	222, 66, 80
Decimal	14565968
CIE Lab	51.84, 60.83, 27.70
CIE LCh	52, 66.840, 24.479
Yxy	20.0052, 0.5303, 0.3165
Android (android.graphics.Color)	4292756048 (0xFFDE4250)
YUV	114.2400, -16.8803, 94.5055
Hunter-Lab	44.7272, 55.5026, 18.4719

Details

The Hex color **DE4250** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **42DED0**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF7C81**, and **A00024** is the 20% darker color. If you saturate the color by 10%, you get **DE2C3C**, and if you desaturate by 10%, it is **DE5864**.

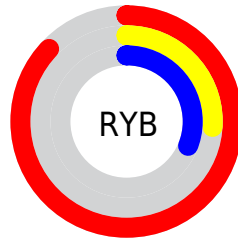
Distribution



Red (87%)

Green (26%)

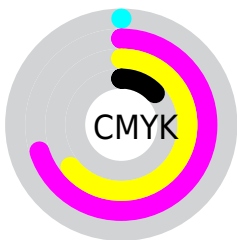
Blue (31%)



Red (87%)

Yellow (26%)

Blue (31%)

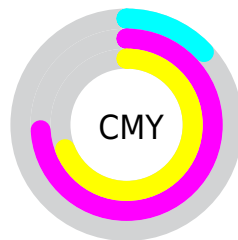


Cyan (0%)

Magenta (70%)

Yellow (64%)

Black (13%)



Cyan (13%)

Magenta (74%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE4250 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 DE4250 by changing the saturation by 10% instead.

 DE4250

 DE4250

FFFFFF

 BF2139

 FF7C81

 A00024

 FF989B

 810010

 FFB5B6

 630000

 FFD2D2

 460002

 FFEFEE

 270001

 000000

 DE4250

 DE4250

 DE2C3C

 DE5864

 DE1628

 DE6E78

 DE0014

 DE858D

 DE9BA1

 DEB1B5

 DEC7C9

 DEDDDD

 DEF4F2

 DEFFFF

Harmonies

Analogous

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



DA3C89



DE4250



C75D19

Triad

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



DE4250



009033



0086EE

Complementary

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



DE4250



42DED0

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.



0091D8



DE4250



00946F

Square

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



DE4250



688600



0095AA



6171E5

Rectangle

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



DE4250



AD6E00



0095AA



008BEA

Sweetspot

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



DE4250



FFC9CE



CE42DE



806062



000000



808080

Same Dimension

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



DE4250



FF293C



DE8042



706566



B00010



300004

Inverse Universe

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



DE4250



FF293C



42A0DE



706566



B00010



300004

Previews

White Background



This preview shows how the Hex color DE4250 looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DE4250 Background



This preview shows how black text looks on a background with the Hex color DE4250.



This preview shows how white text looks on a background with the Hex color DE4250.

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

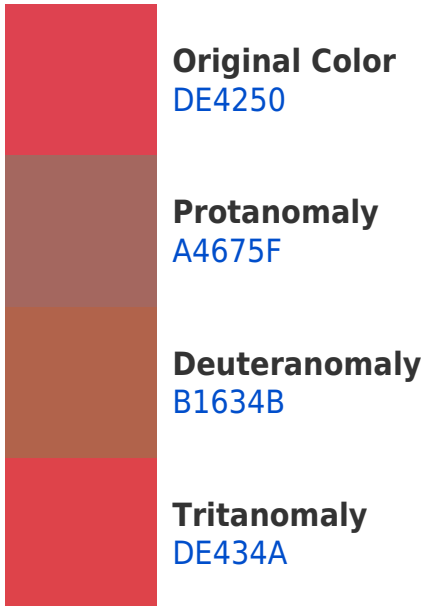


Original Color
DE4250

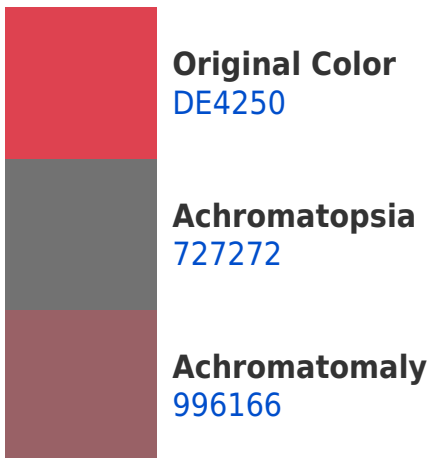
Protanopia
837C68

Deuteranopia
977648

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE4250 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 #DE4250 looks like.

```
.text, #text, p{  
    color:#DE4250  
}
```

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 #DE4250 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE4250
}
```

Border

The CSS property to change the border of an element to Hex DE4250 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
#DE4250 }
```

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

```
.border{ border-color:#DE4250 }
```

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

Here you see how a box with a 4 pixel #DE4250 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE4250; -webkit-box-shadow:4px 4px  
4px 4px #DE4250; box-shadow:4px 4px 4px  
4px #DE4250 }
```

Background

The CSS property to change the background color of an element to Hex DE4250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE4250 }
```

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

```
.background{ background-color:#DE4250 }
```

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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