

Converting Colors

Hex(CE4950)

Have a look what the booklet for
Hex(CE4950) contains.

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Color

Hex(CE4950)

Conversions

Conversions Part 1

Format	Color
Hex	CE4950
RGB	206, 73, 80
RGB Percent	81%, 29%, 31%
CMY	0.1922, 0.7137, 0.6863
CMYK	0.00, 0.65, 0.61, 0.19
HSL	357°, 58%, 55%
HSV	357°, 65%, 81%
XYZ	29.2841, 18.4661, 9.6103
YIQ	113.5650, 77.0210, 30.3730

Conversions

Conversions Part 2

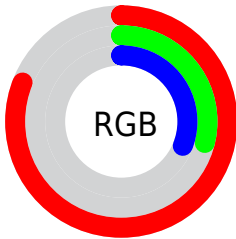
Format	Color
R_{YB}	206, 73, 80
Decimal	13519184
CIE _{Lab}	50.06, 52.98, 24.84
CIE _{LCh}	50, 58.512, 25.124
Yxy	18.4661, 0.5105, 0.3219
Android (android.graphics.Color)	4291709264 (0xFFCE4950)
YUV	113.5650, -16.5475, 81.0655
Hunter-Lab	42.9722, 46.4405, 16.8209

Details

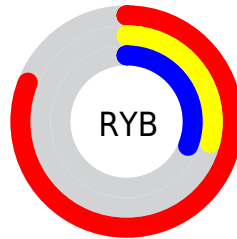
The Hex color **CE4950** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **49CEC7**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF8081**, and **910424** is the 20% darker color. If you saturate the color by 10%, you get **CE343C**, and if you desaturate by 10%, it is **CE5E64**.

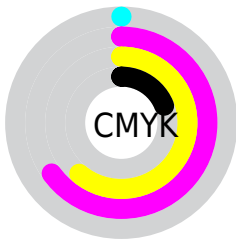
Distribution



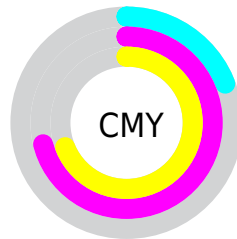
- Red (81%)
- Green (29%)
- Blue (31%)



- Red (81%)
- Yellow (29%)
- Blue (31%)



- Cyan (0%)
- Magenta (65%)
- Yellow (61%)
- Black (19%)



- Cyan (19%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE4950 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 CE4950 by changing the saturation by 10% instead.

 CE4950

 CE4950

FFFFFF

 AF2C39

 FF8081

 910424

 FF9C9B

 74000F

 FFB8B6

 560000

 FFD4D2

 3C0003

 FFF2EE

 160000

 000000

 CE4950

 CE4950

 CE343C

 CE5E64

 CE2029

 CE7277

 CE0B15

 CE878B

 CE000B

 CE9B9E

 CEB0B2

 CEC5C5

 CED9D9

 CEEEEC

 CEFFFF

Harmonies

Analogous

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



CB4481



CE4950



BA5D23

Triad

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



CE4950



15893A



007FDB

Complementary

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



CE4950



49CEC7

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.



008AC8



CE4950



008D6D

Square

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



CE4950



668108



008EA0



666DD2

Rectangle

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



CE4950



A36C03



008EA0



0084D7

Sweetspot

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



CE4950



FFCFD1



C549CE



806264



000000



808080

Same Dimension

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



CE4950



FF3B45



CE8349



665C5C



A60009



260002

Inverse Universe

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



CE4950



FF3B45



4994CE



665C5C



A60009



260002

Previews

White Background



This preview shows how the Hex color CE4950 looks on a white background.

Color Contrast Check

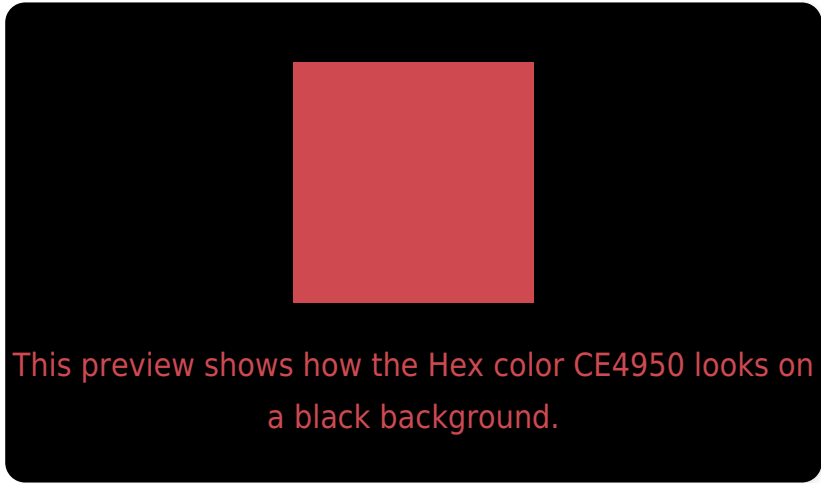
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE4950 Background



This preview shows how black text looks on a background with the Hex color CE4950.

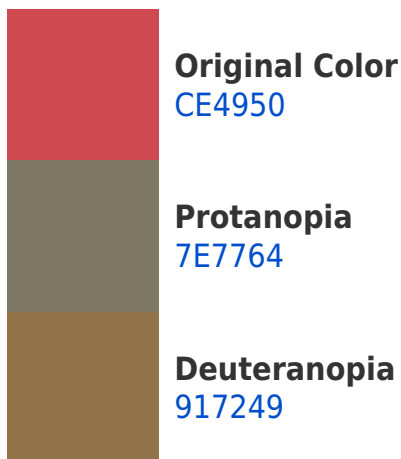


This preview shows how white text looks on a background with the Hex color CE4950.

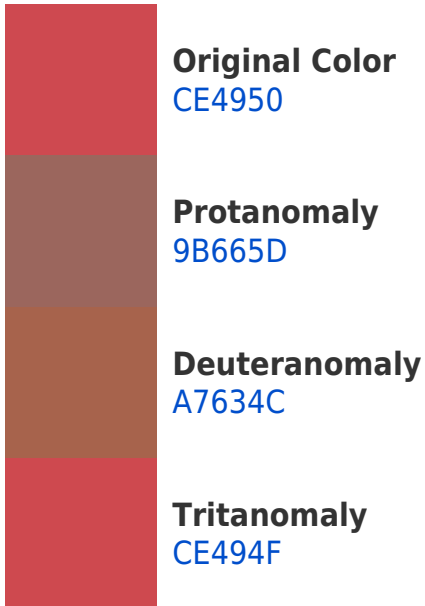
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CE4950 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 #CE4950 looks like.

```
.text, #text, p{  
    color:#CE4950  
}
```

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 #CE4950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE4950
}
```

Border

The CSS property to change the border of an element to Hex CE4950 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
#CE4950 }
```

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

```
.border{ border-color:#CE4950 }
```

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

Here you see how a box with a 4 pixel #CE4950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE4950; -webkit-box-shadow:4px 4px  
4px 4px #CE4950; box-shadow:4px 4px 4px  
4px #CE4950 }
```

Background

The CSS property to change the background color of an element to Hex CE4950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE4950 }
```

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

```
.background{ background-color:#CE4950 }
```

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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