

Converting Colors

Hex(D55E50)

Have a look what the booklet for
Hex(D55E50) contains.

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Color

Hex(D55E50)

Conversions

Conversions Part 1

Format	Color
Hex	D55E50
RGB	213, 94, 80
RGB Percent	84%, 37%, 31%
CMY	0.1647, 0.6314, 0.6863
CMYK	0.00, 0.56, 0.62, 0.16
HSL	6°, 61%, 57%
HSV	6°, 62%, 84%
XYZ	32.8912, 22.7307, 10.2433
YIQ	127.9850, 75.4180, 20.8740

Conversions

Conversions Part 2

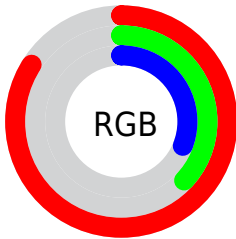
Format	Color
R_{YB}	213, 96, 80
Decimal	13983312
CIE _{Lab}	54.79, 45.89, 31.10
CIE _{LCh}	55, 55.433, 34.124
Yxy	22.7307, 0.4994, 0.3451
Android (android.graphics.Color)	4292173392 (0xFFD55E50)
YUV	127.9850, -23.6566, 74.5582
Hunter-Lab	47.6768, 39.7093, 20.6353

Details

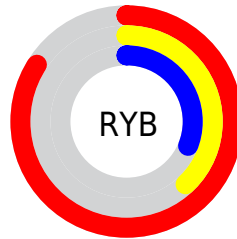
The Hex color **D55E50** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **50C7D5**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF9482**, and **992823** is the 20% darker color. If you saturate the color by 10%, you get **D54B3B**, and if you desaturate by 10%, it is **D57165**.

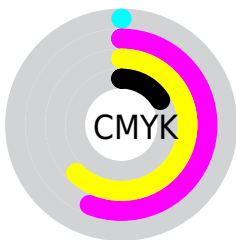
Distribution



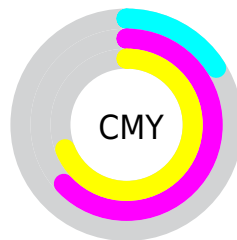
- Red (84%)
- Green (37%)
- Blue (31%)



- Red (84%)
- Yellow (38%)
- Blue (31%)



- Cyan (0%)
- Magenta (56%)
- Yellow (62%)
- Black (16%)



- Cyan (16%)
- Magenta (63%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color D55E50 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 D55E50 by changing the saturation by 10% instead.

 D55E50

 D55E50

FFFFFF

 B74439

 FF9482

 992823

 FFAF9C

 7B050E

 FFCCB7

 5E0000

 FFE8D2

 410000

 FFFFEF

 250001

 000000

 D55E50

 D55E50

 D54B3B

 D57165

 D53825

 D5847B

 D52510

 D59790

 D51600

 D5AAA5

 D5BDBB

 D5D0D0

 D5E3E5

 D5F6FA

 D5FFFF

Harmonies

Analogous

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



D9557E



D55E50



BC712A

Triad

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



D55E50



009757



0086E3

Complementary

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



D55E50



50C7D5

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.



0093D9



D55E50



009A89

Square

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



D55E50



64902D



0099B8



8D74D3

Rectangle

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



D55E50



A47D19



0099B8



008BE3

Sweetspot

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



D55E50



FFD4CF



D550C8



806562



000000



808080

Same Dimension

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



D55E50



FF5440



D5A050



6B6260



AB1200



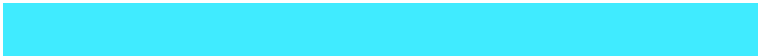
2B0500

Inverse Universe

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



50C7D5



40EBFF



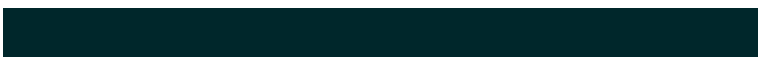
5085D5



606A6B



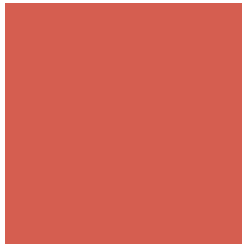
0099AB



00272B

Previews

White Background



This preview shows how the Hex color D55E50 looks on a white background.

Color Contrast Check

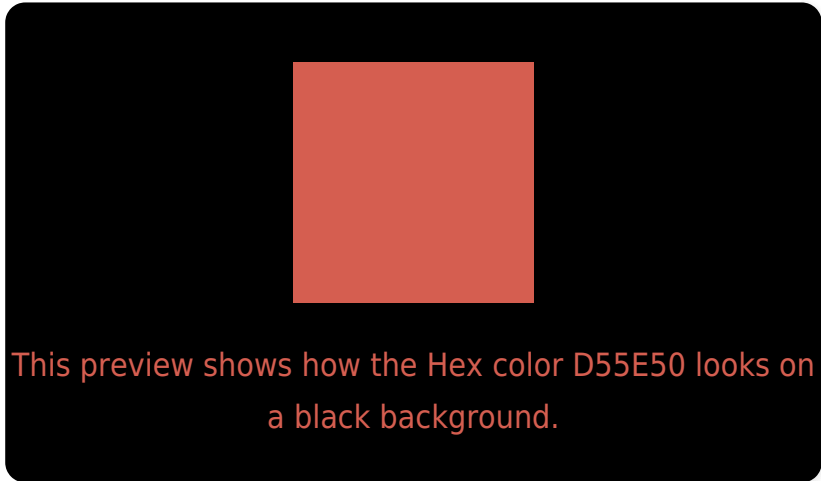
Large Text (above 18pt) WCAG AA ✓ Pass

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 D55E50 Background



This preview shows how black text looks on a background with the Hex color D55E50.



This preview shows how white text looks on a background with the Hex color D55E50.

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
D5E50

Protanopia
8E845F

Deuteranopia
A17E4A



Tritanopia
D65C62

Trichromacy



Original Color
D55E50

Protanomaly
A8765A

Deuteranomaly
B4724C

Tritanomaly
D65D5B

Monochromacy



Original Color
D55E50

Achromatopsia
808080

Achromatomaly
9F746F

CSS Examples

Text

The CSS property to change the color of the text to Hex D55E50 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 #D55E50 looks like.

```
.text, #text, p{  
    color:#D55E50  
}
```

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 #D55E50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D55E50
}
```

Border

The CSS property to change the border of an element to Hex D55E50 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
#D55E50 }
```

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

```
.border{ border-color:#D55E50 }
```

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

Here you see how a box with a 4 pixel #D55E50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D55E50; -webkit-box-shadow:4px 4px  
4px 4px #D55E50; box-shadow:4px 4px 4px  
4px #D55E50 }
```

Background

The CSS property to change the background color of an element to Hex D55E50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D55E50 }
```

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

```
.background{ background-color:#D55E50 }
```

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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