

Converting Colors

Hex(D45555)

Have a look what the booklet for
Hex(D45555) contains.

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Color

Hex(D45555)

Conversions

Conversions Part 1

Format	Color
Hex	D45555
RGB	212, 85, 85
RGB Percent	83%, 33%, 33%
CMY	0.1686, 0.6667, 0.6667
CMYK	0.00, 0.60, 0.60, 0.17
HSL	0°, 60%, 58%
HSV	0°, 60%, 83%
XYZ	32.0396, 21.1499, 10.9880
YIQ	122.9730, 75.6920, 26.9240

Conversions

Conversions Part 2

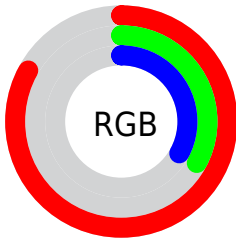
Format	Color
R_{YB}	212, 85, 85
Decimal	13915477
CIE Lab	53.11, 50.08, 26.05
CIE LCh	53, 56.446, 27.480
Yxy	21.1499, 0.4992, 0.3296
Android (android.graphics.Color)	4292105557 (0xFFD45555)
YUV	122.9730, -18.7207, 78.0767
Hunter-Lab	45.9890, 43.8762, 18.0264

Details

The Hex color **D45555** 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 **55D4D4**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF8B87**, and **971C28** is the 20% darker color. If you saturate the color by 10%, you get **D44040**, and if you desaturate by 10%, it is **D46A6A**.

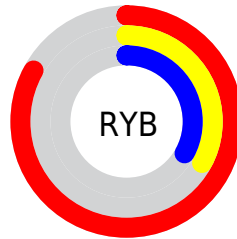
Distribution



Red (83%)

Green (33%)

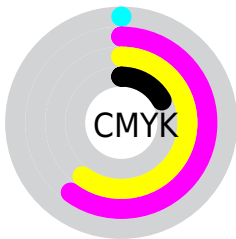
Blue (33%)



Red (83%)

Yellow (33%)

Blue (33%)

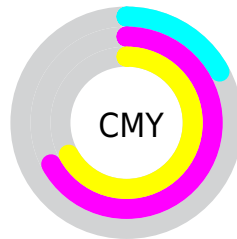


Cyan (0%)

Magenta (60%)

Yellow (60%)

Black (17%)



Cyan (17%)

Magenta (67%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color D45555 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 D45555 by changing the saturation by 10% instead.

 D45555

 D45555

FFFFFF

 B63A3E

 FF8B87

 971C28

 FFA7A1

 7A0014

 FFC3BC

 5D0000

 FFE0D8

 400001

 FFFDF4

 220001

 000000

 D45555

 D45555

 D44040

 D46A6A

 D42B2B

 D47F7F

 D41515

 D49595

 D40000

 D4AAAA

 D4BFBF

 D4D4D4

 D4E9E9

 D4FFFF

Harmonies

Analogous

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



D35085



D45555



BF682B

Triad

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



D45555



1F9148



0086E0

Complementary

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



D45555



55D4D4

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.



0091D0



D45555



009579

Square

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



D45555



6B891E



0095AA



7774D5

Rectangle

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



D45555



A87515



0095AA



008ADE

Sweetspot

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



D45555



FFD1D1



D455D4



806363



000000



808080

Same Dimension

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



D45555



FF4747



D49555



6B6060



AB0000



2B0000

Inverse Universe

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



55D4D4



47FFFF



5595D4



606B6B



00ABAB



002B2B

Previews

White Background



This preview shows how the Hex color D45555 looks on a white background.

Color Contrast Check

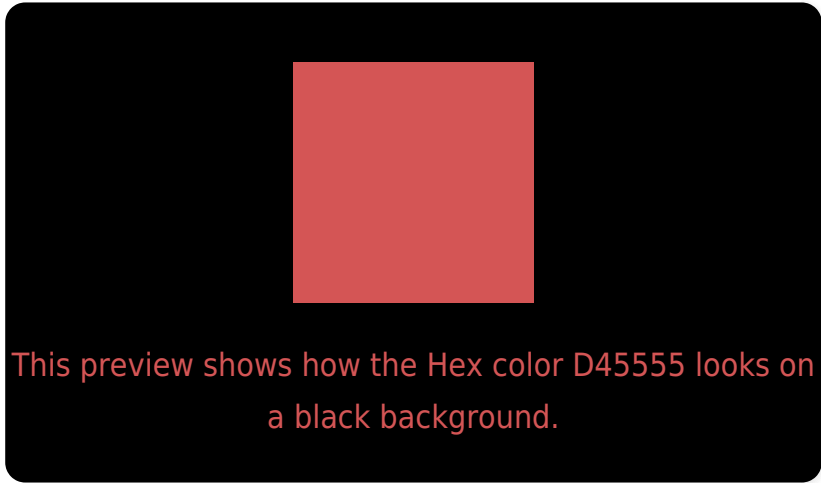
Large Text (above 18pt) WCAG AA ✓ Pass

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 D45555 Background



This preview shows how black text looks on a background with the Hex color D45555.



This preview shows how white text looks on a background with the Hex color D45555.

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
D45555

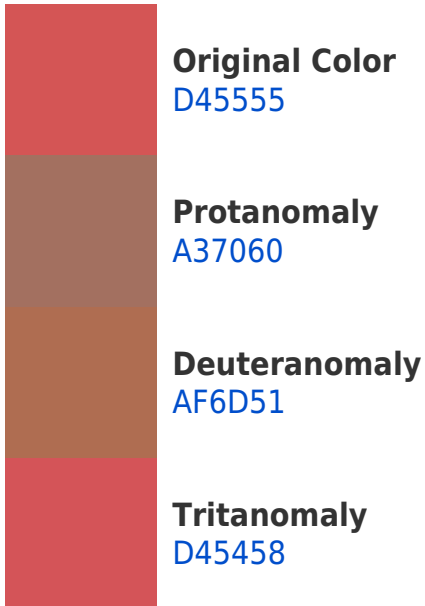
Protanopia
877F67

Deuteranopia
9A7A4F

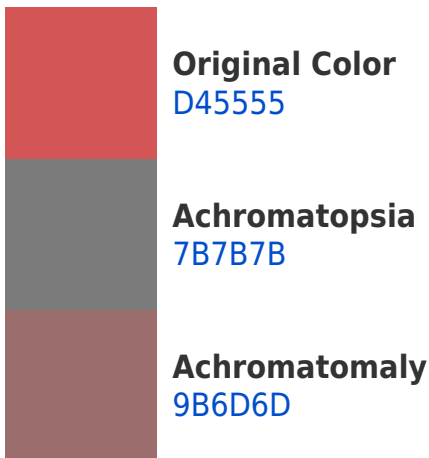


Tritanopia
D4545A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D45555 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 #D45555 looks like.

```
.text, #text, p{  
    color:#D45555  
}
```

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 #D45555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D45555
}
```

Border

The CSS property to change the border of an element to Hex D45555 is called "border". The border property can be set on classes, ids or directly on the HTML element.

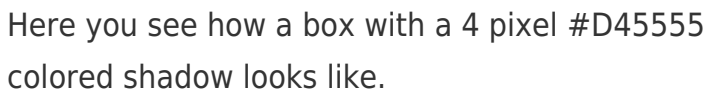
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D45555 }
```

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

```
.border{ border-color:#D45555 }
```

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



Here you see how a box with a 4 pixel #D45555 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D45555; -webkit-box-shadow:4px 4px  
4px 4px #D45555; box-shadow:4px 4px 4px  
4px #D45555 }
```

Background

The CSS property to change the background color of an element to Hex D45555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D45555 }
```

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

```
.background{ background-color:#D45555 }
```

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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