

Converting Colors

Hex(D55227)

Have a look what the booklet for
Hex(D55227) contains.

Hex(D55227)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D55227)

Conversions

Conversions Part 1

Format	Color
Hex	D55227
RGB	213, 82, 39
RGB Percent	84%, 32%, 15%
CMY	0.1647, 0.6784, 0.8471
CMYK	0.00, 0.62, 0.82, 0.16
HSL	15°, 69%, 49%
HSV	15°, 82%, 84%
XYZ	30.8241, 20.3272, 4.2184
YIQ	116.2670, 91.8790, 14.3990

Conversions

Conversions Part 2

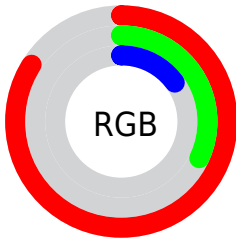
Format	Color
R_{YB}	213, 96, 39
Decimal	13980199
CIE _{Lab}	52.21, 49.53, 49.92
CIE _{LCh}	52, 70.325, 45.223
Yxy	20.3272, 0.5567, 0.3671
Android (android.graphics.Color)	4292170279 (0xFFD55227)
YUV	116.2670, -38.0926, 84.8348
Hunter-Lab	45.0857, 43.1364, 26.0126

Details

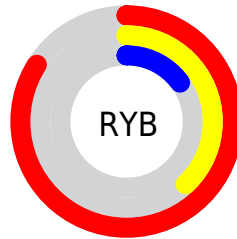
The Hex color **D55227** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **27AAD5**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF8858**, and **971800** is the 20% darker color. If you saturate the color by 10%, you get **D54212**, and if you desaturate by 10%, it is **D5623C**.

Distribution



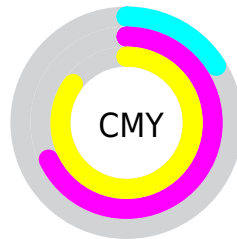
- Red (84%)
- Green (32%)
- Blue (15%)



- Red (84%)
- Yellow (38%)
- Blue (15%)



- Cyan (0%)
- Magenta (62%)
- Yellow (82%)
- Black (16%)



- Cyan (16%)
- Magenta (68%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color D55227 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 D55227 by changing the saturation by 10% instead.

 D55227

 D55227

FFFFFF

 B6370D

 FF8858

 971800

 FFA471

 780000

 FFC08B

 5A0000

 FFDC A6

 3E0001

 FFFAC2

 1D0001

 FFFFDE

 000000

 FFFFFB

 D55227

 D55227

 D54212

 D5623C

 D53500

 D57252

 D58267

 D5927C

 D5A292

 D5B2A7

 D5C2BC

 D5D2D1

 D5E2E7

Harmonies

Analogous

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



E63761



D55227



AF6F00

Triad

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



D55227



00955B



1379F2

Complementary

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



D55227



27AAD5

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.



008CF2



D55227



00979B

Square

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



D55227



2B8F1A



0095D1



A45CD2

Rectangle

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



D55227



8D7D00



0095D1



0081F6

Sweetspot

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



D55227



FFCFBF



D527AC



806359



000000



808080

Same Dimension

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



D55227



FF4305



D5A727



6B6360



AB2A00



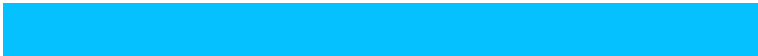
2B0B00

Inverse Universe

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



27AAD5



05C1FF



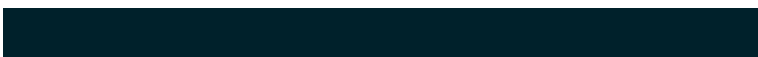
2755D5



60686B



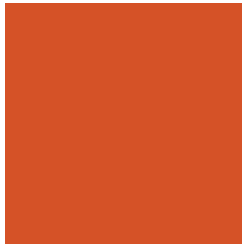
0081AB



00212B

Previews

White Background



This preview shows how the Hex color D55227 looks on a white background.

Color Contrast Check

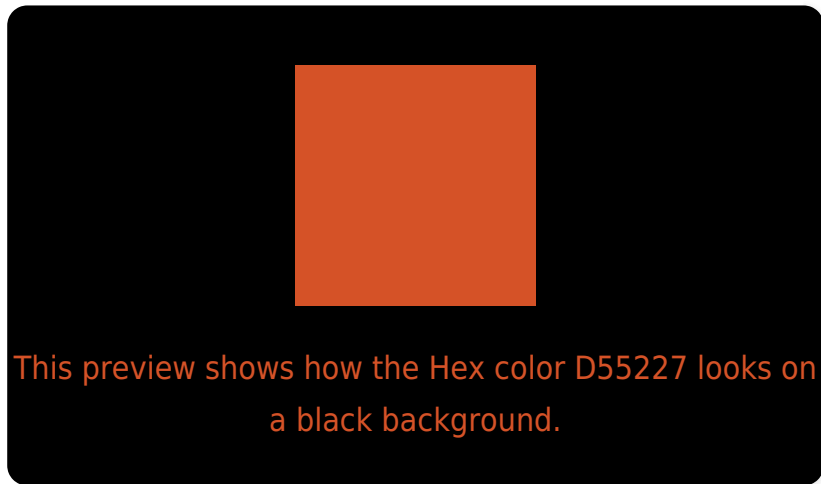
Large Text (above 18pt) WCAG AA ✓ Pass

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 D55227 Background



This preview shows how black text looks on a background with the Hex color D55227.



This preview shows how white text looks on a background with the Hex color D55227.

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
D52227

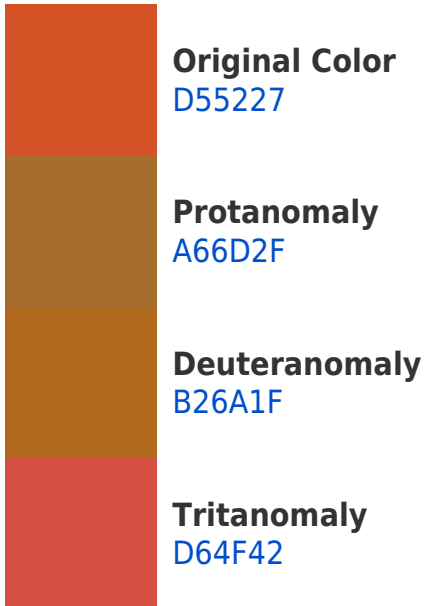
Protanopia
8B7D33

Deuteranopia
9E771A

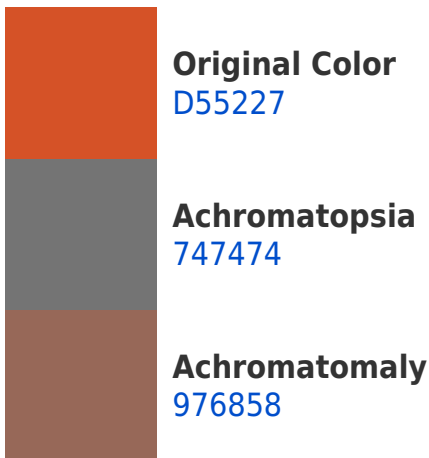


Tritanopia
D64D52

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D55227 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 #D55227 looks like.

```
.text, #text, p{  
    color:#D55227  
}
```

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 #D55227 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D55227
}
```

Border

The CSS property to change the border of an element to Hex D55227 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".

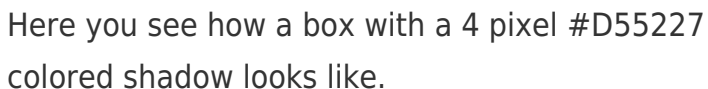
```
.border, #border, table{ border:4px solid
#D55227 }
```

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

```
.border{ border-color:#D55227 }
```

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

Here you see how a box with a 4 pixel #D55227 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D55227; -webkit-box-shadow:4px 4px  
4px 4px #D55227; box-shadow:4px 4px 4px  
4px #D55227 }
```

Background

The CSS property to change the background color of an element to Hex D55227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D55227 }
```

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

```
.background{ background-color:#D55227 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor