

# Converting Colors

Hex(C25E51)

Have a look what the booklet for  
Hex(C25E51) contains.

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# Color

**Hex(C25E51)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C25E51
RGB	194, 94, 81
RGB Percent	76%, 37%, 32%
CMY	0.2392, 0.6314, 0.6824
CMYK	0.00, 0.52, 0.58, 0.24
HSL	7°, 48%, 54%
HSV	7°, 58%, 76%
XYZ	27.7360, 20.0688, 10.1964
YIQ	122.4180, 63.7730, 17.1570

# Conversions

## Conversions Part 2

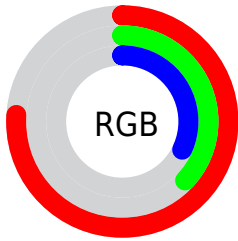
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	194, 96, 81
Decimal	12738129
CIE <sub>Lab</sub>	51.91, 38.91, 26.27
CIE <sub>LCh</sub>	52, 46.947, 34.030
Yxy	20.0688, 0.4782, 0.3460
Android (android.graphics.Color)	4290928209 (0xFFC25E51)
YUV	122.4180, -20.4191, 62.7774
Hunter-Lab	44.7982, 32.1182, 17.8639

# Details

The Hex color **C25E51** 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 **51B5C2**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FE9383**, and **872B24** is the 20% darker color. If you saturate the color by 10%, you get **C24D3E**, and if you desaturate by 10%, it is **C26F64**.

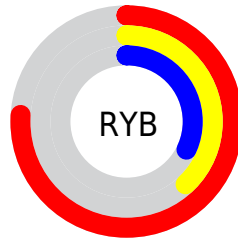
# Distribution



Red (76%)

Green (37%)

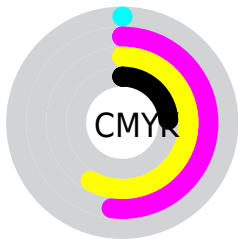
Blue (32%)



Red (76%)

Yellow (38%)

Blue (32%)

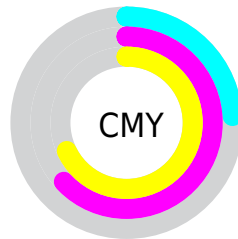


Cyan (0%)

Magenta (52%)

Yellow (58%)

Black (24%)



Cyan (24%)

Magenta (63%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C25E51 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 C25E51 by changing the saturation by 10% instead.



 C25E51

 C25E51

FFFFFF

 A4453A

 FE9383

 872B24

 FFAE9D

 6B0F0F

 FFCAB8

 4F0000

 FFE6D3

 350001

 FFFFF0

 0B0000

 000000

 C25E51

 C25E51

 C24D3E

 C26F64

 C23C2A

 C28078

 C22A17

 C2928B

 C21903

 C2A39F

 C21600

 C2B4B2

 C2C5C5

 C2D6D9

 C2E7EC

 C2F9FF

# Harmonies

## Analogous

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



C55778



C25E51



AE6D33

# Triad

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



C25E51



248D57



327ECC

# Complementary

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



C25E51



51B5C2

# 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.



0089C4



C25E51



008F80

# Square

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



C25E51



638635



008FA8



856FBF

# Rectangle

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



C25E51



997727



008FA8



0083CC

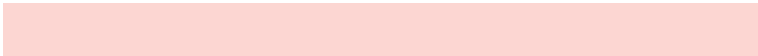


# Sweetspot

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



C25E51



FCD6D2



C251B7



806966



000000



808080



# Same Dimension

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



C25E51



FC604C



C29551



615857



A11200



210400



# Inverse Universe

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



51B5C2



4CE8FC



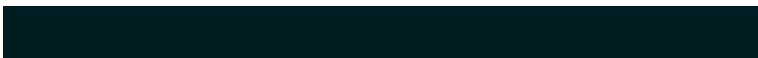
517EC2



576061



008EA1



001D21



# Previews

## White Background



This preview shows how the Hex color C25E51 looks on a white background.

## Color Contrast Check

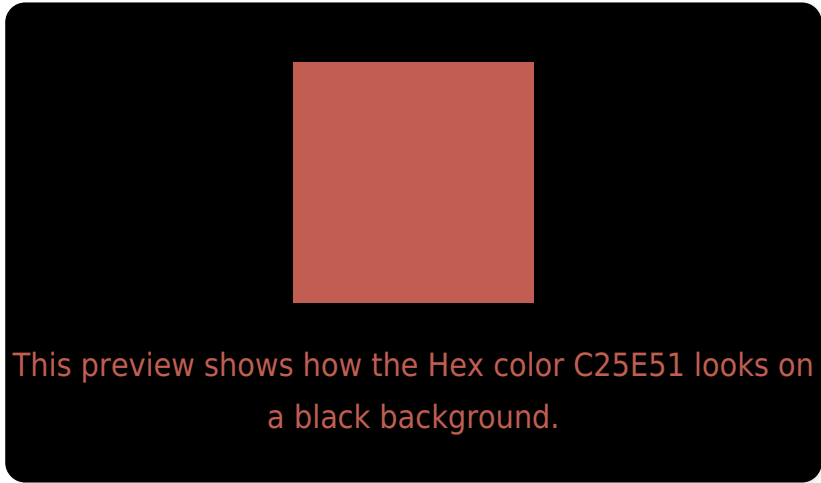
Large Text (above 18pt) WCAG AA ✓ Pass

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 C25E51 Background



This preview shows how black text looks on a background with the Hex color C25E51.



This preview shows how white text looks on a background with the Hex color C25E51.

# 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**  
C25E51

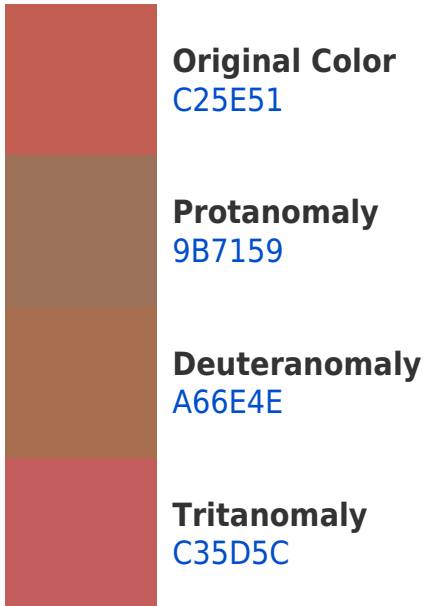
**Protanopia**  
857C5E

**Deuteranopia**  
96774C



**Tritanopia**  
C35C62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C25E51 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 #C25E51 looks like.

```
.text, #text, p{  
    color:#C25E51  
}
```

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 #C25E51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C25E51
}
```

## Border

The CSS property to change the border of an element to Hex C25E51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

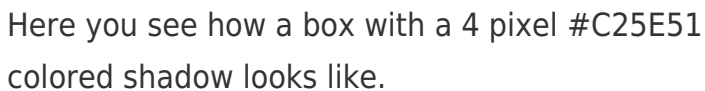
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C25E51 }
```

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

```
.border{ border-color:#C25E51 }
```

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



Here you see how a box with a 4 pixel #C25E51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C25E51; -webkit-box-shadow:4px 4px  
4px 4px #C25E51; box-shadow:4px 4px 4px  
4px #C25E51 }
```

# Background

The CSS property to change the background color of an element to Hex C25E51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C25E51 }
```

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

```
.background{ background-color:#C25E51 }
```

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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