

# Converting Colors

Hex(C25255)

Have a look what the booklet for  
Hex(C25255) contains.

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# Color

Hex(C25255)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C25255
RGB	194, 82, 85
RGB Percent	76%, 32%, 33%
CMY	0.2392, 0.6784, 0.6667
CMYK	0.00, 0.58, 0.56, 0.24
HSL	358°, 48%, 54%
HSV	358°, 58%, 76%
XYZ	26.9051, 18.1598, 10.6815
YIQ	115.8300, 65.7890, 24.6770

# Conversions

## Conversions Part 2

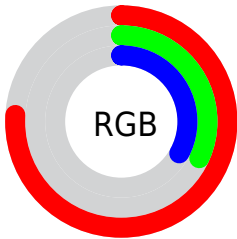
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">194, 82, 85</a>
Decimal	<a href="#">12735061</a>
CIELab	<a href="#">49.69, 45.15, 21.02</a>
CIElCh	<a href="#">50, 49.806, 24.960</a>
Yxy	<a href="#">18.1598, 0.4826, 0.3258</a>
Android (android.graphics.Color)	<a href="#">4290925141</a> (0xFFC25255)
YUV	<a href="#">115.8300, -15.1992, 68.5551</a>
Hunter-Lab	<a href="#">42.6143, 38.1233, 14.9687</a>

# Details

The Hex color **C25255** 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 **52C2BF**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF8787**, and **871B28** is the 20% darker color. If you saturate the color by 10%, you get **C23F42**, and if you desaturate by 10%, it is **C26568**.

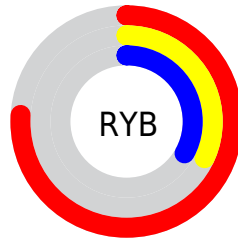
# Distribution



Red (76%)

Green (32%)

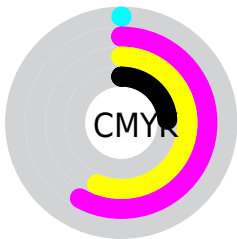
Blue (33%)



Red (76%)

Yellow (32%)

Blue (33%)

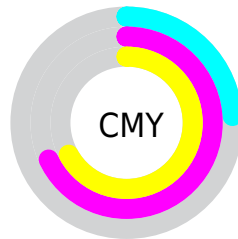


Cyan (0%)

Magenta (58%)

Yellow (56%)

Black (24%)



Cyan (24%)

Magenta (68%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C25255 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 C25255 by changing the saturation by 10% instead.



 C25255

 C25255

FFFFFF

 A4383E

 FF8787

 871B28

 FFA3A1

 6A0014

 FFBEBE

 4E0000

 FFDBD8

 350002

 FFF8F4

 020000

 000000

 C25255

 C25255

 C23F42

 C26568

 C22B2F

 C2797B

 C2181C

 C28C8E

 C20409

 C2A0A1

 C20005

 C2B3B3

 C2C6C6

 C2DAD9

 C2EDEC

 C2FFFF

# Harmonies

## Analogous

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



BF4F7F



C25255



B16131

# Triad

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



C25255



318643



007DCA

# Complementary

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



C25255



52C2BF

# 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.



0086BB



C25255



008A6D

# Square

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



C25255



6A7E22



008A99



6A6EC3

# Rectangle

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



C25255



9E6C1F



008A99



0081C8



# Sweetspot

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



C25255



FCD2D3



BE52C2



806667



000000



808080



# Same Dimension

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



C25255



FC4E53



C28652



615757



A10004



210001



# Inverse Universe

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



C25255



FC4E53



528EC2



615757



A10004



210001



# Previews

## White Background



This preview shows how the Hex color C25255 looks on a white background.

## Color Contrast Check

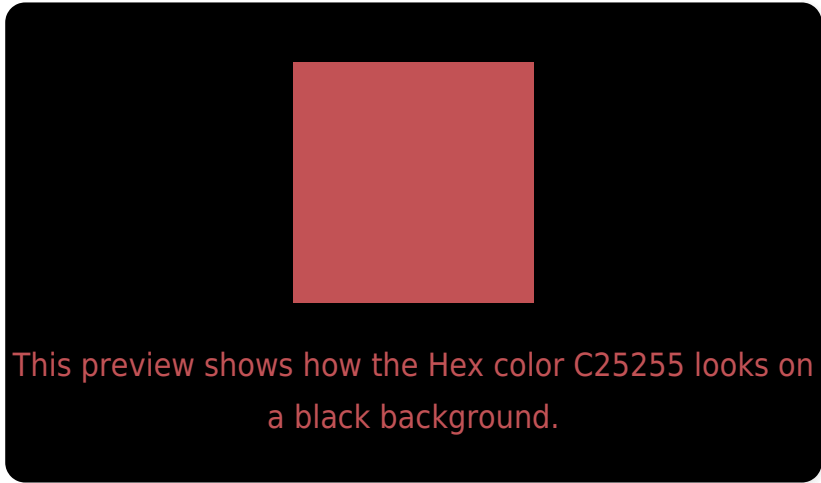
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 C25255 Background



This preview shows how black text looks on a background with the Hex color C25255.

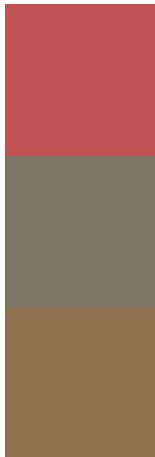


This preview shows how white text looks on a background with the Hex color C25255.

# 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**  
C25255

**Protanopia**  
7D7665

**Deuteranopia**  
8E7250



# Trichromacy



**Original Color**  
C25255

**Protanomaly**  
96695F

**Deuteranomaly**  
A16652

**Tritanomaly**  
C25256

# Monochromacy



**Original Color**  
C25255

**Achromatopsia**  
747474

**Achromatomaly**  
906869

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C25255 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 #C25255 looks like.

```
.text, #text, p{  
    color:#C25255  
}
```

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 #C25255 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C25255
}
```

## Border

The CSS property to change the border of an element to Hex C25255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

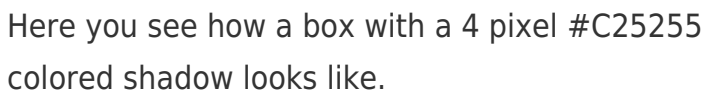
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C25255 }
```

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

```
.border{ border-color:#C25255 }
```

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



Here you see how a box with a 4 pixel `#C25255` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C25255; -webkit-box-shadow:4px 4px  
4px 4px #C25255; box-shadow:4px 4px 4px  
4px #C25255 }
```

# Background

The CSS property to change the background color of an element to Hex C25255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C25255 }
```

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

```
.background{ background-color:#C25255 }
```

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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