

Converting Colors

Hex(C26E55)

Have a look what the booklet for
Hex(C26E55) contains.

Hex(C26E55)	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(C26E55)

Conversions

Conversions Part 1

Format	Color
Hex	C26E55
RGB	194, 110, 85
RGB Percent	76%, 43%, 33%
CMY	0.2392, 0.5686, 0.6667
CMYK	0.00, 0.43, 0.56, 0.24
HSL	14°, 47%, 55%
HSV	14°, 56%, 76%
XYZ	29.4638, 23.2771, 11.5343
YIQ	132.2660, 58.0890, 10.0330

Conversions

Conversions Part 2

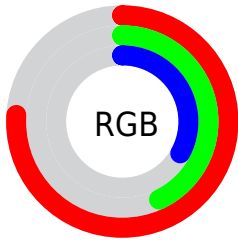
Format	Color
RYB	194, 117, 85
Decimal	12742229
CIELab	55.36, 30.82, 28.40
CIElCh	55, 41.907, 42.656
Yxy	23.2771, 0.4584, 0.3621
Android (android.graphics.Color)	4290932309 (0xFFC26E55)
YUV	132.2660, -23.3021, 54.1407
Hunter-Lab	48.2463, 24.5779, 19.5978

Details

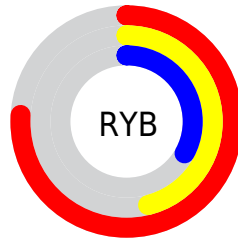
The Hex color **C26E55** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **55A9C2**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FEA387**, and **883C27** is the 20% darker color. If you saturate the color by 10%, you get **C25F42**, and if you desaturate by 10%, it is **C27D68**.

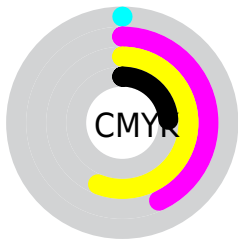
Distribution



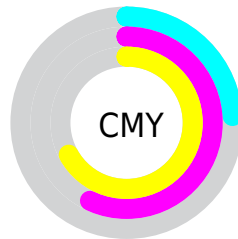
- Red (76%)
- Green (43%)
- Blue (33%)



- Red (76%)
- Yellow (46%)
- Blue (33%)



- Cyan (0%)
- Magenta (43%)
- Yellow (56%)
- Black (24%)



- Cyan (24%)
- Magenta (57%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color C26E55 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 C26E55 by changing the saturation by 10% instead.

 C26E55

 C26E55

FFFFFF

 A5553D

 FEA387

 883C27

 FFBEA1

 6C2512

 FFDABD

 510B00

 FFF7D8

 360000

 FFFFFFF5

 170000

 000000

 C26E55

 C26E55

 C25F42

 C27D68

 C2502E

 C28C7C

 C2411B

 C29B8F

 C23207

 C2AAA3

 C22C00

 C2B9B6

 C2C8C9

 C2D7DD

 C2E6F0

 C2F5FF

Harmonies

Analogous

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



C96676



C26E55



AC7B3E

Triad

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



C26E55



29966E



6483CB

Complementary

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



C26E55



55A9C2

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.



008EC9



C26E55



009793

Square

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



C26E55



63904D



0095B5



9B75BA

Rectangle

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



C26E55



978439



0095B5



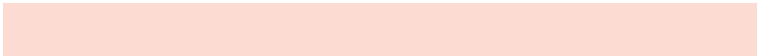
4A87CD

Sweetspot

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



C26E55



FCDBD2



C255AA



806C66



000000



808080

Same Dimension

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



C26E55



FC7A53



C2A355



615957



A12500



210800

Inverse Universe

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



55A9C2



53D6FC



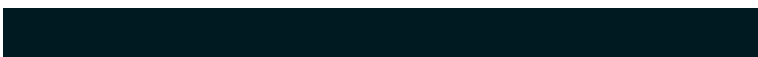
5574C2



575F61



007CA1



001A21

Previews

White Background



This preview shows how the Hex color C26E55 looks on a white background.

Color Contrast Check

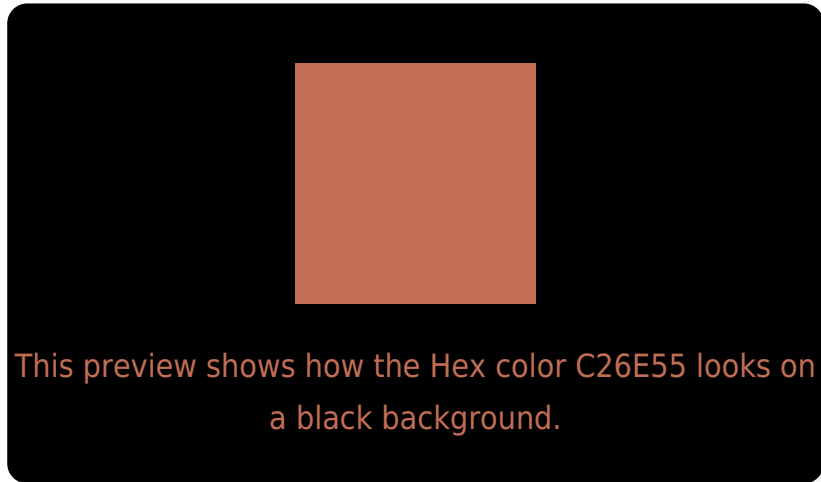
Large Text (above 18pt) WCAG AA ✓ Pass

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 C26E55 Background



This preview shows how black text looks on a background with the Hex color C26E55.



This preview shows how white text looks on a background with the Hex color C26E55.

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
C26E55

Protanopia
8F855E

Deuteranopia
A17F52



Tritanopia
C46A72

Trichromacy



Original Color
C26E55

Protanomaly
A27D5B

Deuteranomaly
AD7953

Tritanomaly
C36B67

Monochromacy



Original Color
C26E55

Achromatopsia
848484

Achromatomaly
9B7C73

CSS Examples

Text

The CSS property to change the color of the text to Hex C26E55 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 #C26E55 looks like.

```
.text, #text, p{  
    color:#C26E55  
}
```

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 #C26E55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C26E55  
}
```

Border

The CSS property to change the border of an element to Hex C26E55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

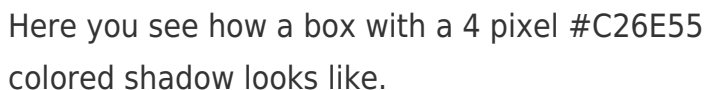
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#C26E55 }
```

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

```
.border{ border-color:#C26E55 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #C26E55 colored shadow looks like."

Here you see how a box with a 4 pixel #C26E55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C26E55; -webkit-box-shadow:4px 4px  
4px 4px #C26E55; box-shadow:4px 4px 4px  
4px #C26E55 }
```

Background

The CSS property to change the background color of an element to Hex C26E55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C26E55 }
```

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

```
.background{ background-color:#C26E55 }
```

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