

# Converting Colors

Hex(C19527)

Have a look what the booklet for  
Hex(C19527) contains.

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**Color**

**Hex(C19527)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C19527
RGB	193, 149, 39
RGB Percent	76%, 58%, 15%
CMY	0.2431, 0.4157, 0.8471
CMYK	0.00, 0.23, 0.80, 0.24
HSL	43°, 66%, 45%
HSV	43°, 80%, 76%
XYZ	33.1060, 32.9788, 6.5401
YIQ	149.6160, 61.5340, -24.8820

# Conversions

## Conversions Part 2

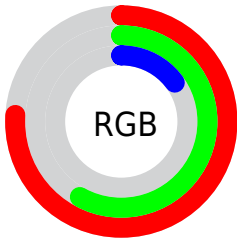
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 193, 39</a>
Decimal	<a href="#">12686631</a>
CIELab	<a href="#">64.14, 6.35, 59.85</a>
CIELCh	<a href="#">64, 60.189, 83.944</a>
Yxy	<a href="#">32.9788, 0.4558, 0.4541</a>
Android (android.graphics.Color)	<a href="#">4290876711 (0xFFC19527)</a>
YUV	<a href="#">149.6160, -54.5337, 38.0478</a>
Hunter-Lab	<a href="#">57.4272, 2.4051, 33.4468</a>

# Details

The Hex color **C19527** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **2753C1**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FDCB5E**, and **876300** is the 20% darker color. If you saturate the color by 10%, you get **C18F14**, and if you desaturate by 10%, it is **C19B3A**.

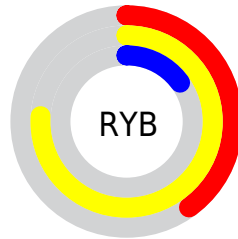
# Distribution



Red (76%)

Green (58%)

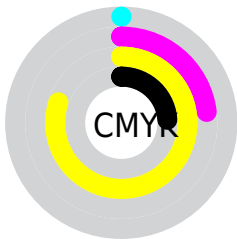
Blue (15%)



Red (40%)

Yellow (76%)

Blue (15%)

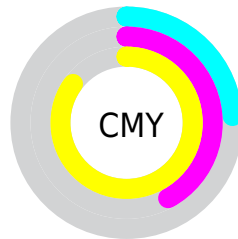


Cyan (0%)

Magenta (23%)

Yellow (80%)

Black (24%)



Cyan (24%)

Magenta (42%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C19527 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 C19527 by changing the saturation by 10% instead.



 C19527

 C19527

FFFFFF

 A47B00

 FDCB5E

 876300

 FFE778

 6B4B00

 FFFF94

 4F3500

 FFFFFAF

 352000

 FFFFCC

 1D0900

 FFFFFE8

 000000

 C19527

 C19527

 C18F14

 C19B3A

 C18A00

 C1A04E

 C1A661

 C1AB74

 C1B188

 C1B69B

 C1BCAE

 C1C1C1

 C1C7D5

# Harmonies

## Analogous

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



E88045



C19527



8EA530

# Triad

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



C19527



00B5C6



D27BDB

# Complementary

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



C19527



2753C1

# 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.



8992FE



C19527



00B0F1

# Square

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



C19527



00B58E



00A5FF



F76AA9

# Rectangle

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



C19527



63AD49



00A5FF



BE82E9



# Sweetspot

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



C19527



FAE9BE



C12755



7D7359



FCFCFC



7D7D7D



# Same Dimension

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



C19527



FAB50A



A2C127



615E57



A17300



211800



# Inverse Universe

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



2753C1



0A4FFA



4627C1



575A61



002EA1



000921



# Previews

## White Background



This preview shows how the Hex color C19527 looks on a white background.

## Color Contrast Check

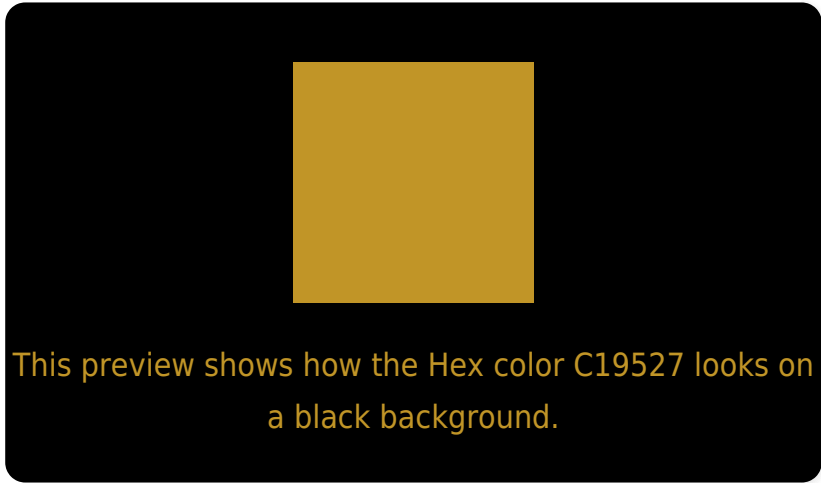
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C19527 Background



This preview shows how black text looks on a background with the Hex color C19527.



This preview shows how white text looks on a background with the Hex color C19527.

# 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**  
C19527

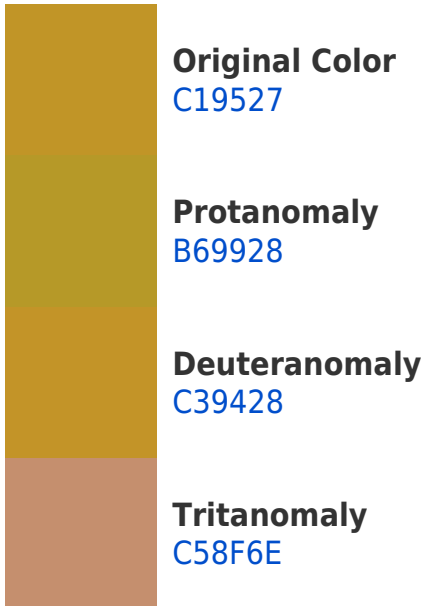
**Protanopia**  
AF9C29

**Deuteranopia**  
C49428

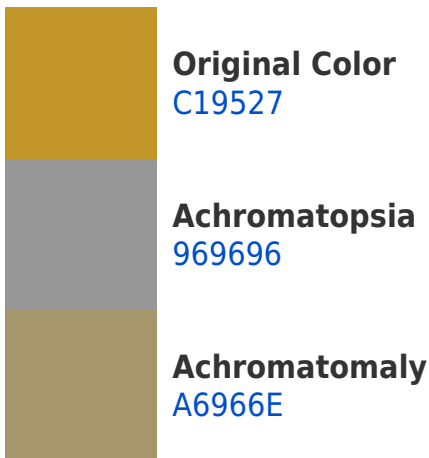


**Tritanopia**  
C88B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C19527 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 #C19527 looks like.

```
.text, #text, p{  
    color:#C19527  
}
```

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 #C19527 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C19527
}
```

## Border

The CSS property to change the border of an element to Hex C19527 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
#C19527 }
```

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

```
.border{ border-color:#C19527 }
```

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

Here you see how a box with a 4 pixel #C19527 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C19527; -webkit-box-shadow:4px 4px  
4px 4px #C19527; box-shadow:4px 4px 4px  
4px #C19527 }
```

# Background

The CSS property to change the background color of an element to Hex C19527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C19527 }
```

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

```
.background{ background-color:#C19527 }
```

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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