

# Converting Colors

Decimal(13369361)

Have a look what the booklet for  
Decimal(13369361) contains.

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# Color

**Decimal(13369361)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC0011
RGB	204, 0, 17
RGB Percent	80%, 0%, 7%
CMY	0.2000, 1.0000, 0.9333
CMYK	0.00, 1.00, 0.92, 0.20
HSL	355°, 100%, 40%
HSV	355°, 100%, 80%
XYZ	25.0030, 12.8778, 1.6982
YIQ	62.9340, 116.1270, 48.5350

# Conversions

## Conversions Part 2

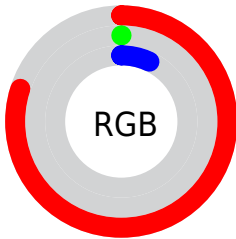
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 0, 17
Decimal	13369361
CIE Lab	42.58, 67.88, 51.03
CIE LCh	43, 84.919, 36.934
Yxy	12.8778, 0.6317, 0.3254
Android (android.graphics.Color)	4291559441 (0xFFCC0011)
YUV	62.9340, -22.6455, 123.7149
Hunter-Lab	35.8857, 61.5681, 22.3143

# Details

The Decimal color **13369361** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **52411**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **16733504**, and **9109504** is the 20% darker color. If you saturate the color by 10%, you get **13369361**, and if you desaturate by 10%, it is **13374500**.

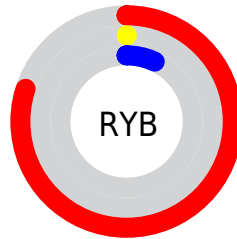
# Distribution



Red (80%)

Green (0%)

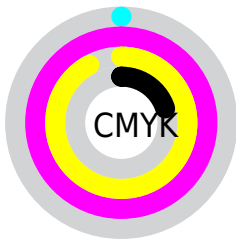
Blue (7%)



Red (80%)

Yellow (0%)

Blue (7%)

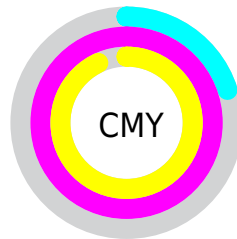


Cyan (0%)

Magenta (100%)

Yellow (92%)

Black (20%)



Cyan (20%)

Magenta (100%)









Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13369361 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 Decimal color 13369361 by changing the saturation by 10% instead.



 13369361	 13369361
 16777211	 11272192
 16733504	 9109504
 16741209	 7077888
 16748658	 5111811
 16756108	 3080194
 16763814	 0
 16771266	
 16777182	
 13369361	

 13374500

 13379894

 13385033

 13390428

 13395566

 13400705

 13406100

 13411239

 13416633

# Harmonies

## Analogous

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



14221400



13369361



10832640

# Triad

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



13369361



32039



27379

# Complementary

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



13369361



52411

# 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.



31720



13369361



32884

# Square

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



13369361



357888



32952



7423959

# Rectangle

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



13369361



8478720



32952



29172



# Sweetspot

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



13369361



16757689



12255436



8409685



0



8421504



# Same Dimension

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



13369361



16711701



13391104



6708317



10878990



2490371



# Inverse Universe

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



13369361



16711701



30668



6708317



10878990



2490371



# Previews

## White Background



This preview shows how the Decimal color 13369361 looks on a white background.

## Color Contrast Check

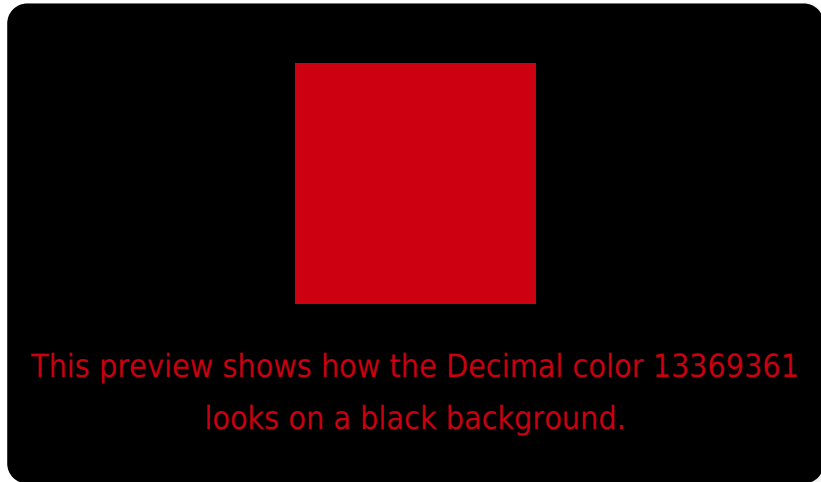
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 13369361 Background



This preview shows how black text looks on a background with the Decimal color 13369361.



This preview shows how white text looks on a background with the Decimal color 13369361.

# 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**  
13369361

**Protanopia**  
7563043

**Deuteranopia**  
8544768



# Trichromacy



**Original Color**  
13369361

**Protanomaly**  
9650716

**Deuteranomaly**  
10305030

**Tritanomaly**  
13306886

# Monochromacy



**Original Color**  
13369361

**Achromatopsia**  
4144959

**Achromatomaly**  
7481390

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13369361 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 #CC0011 looks like.

```
.text, #text, p{  
    color:#CC0011  
}
```

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 #CC0011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC0011
}
```

## Border

The CSS property to change the border of an element to Decimal 13369361 is called "border". The border property can be set on classes, ids or directly on the HTML element.

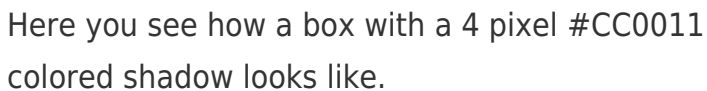
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC0011 }
```

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

```
.border{ border-color:#CC0011 }
```

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



Here you see how a box with a 4 pixel `#CC0011` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC0011; -webkit-box-shadow:4px 4px  
4px 4px #CC0011; box-shadow:4px 4px 4px  
4px #CC0011 }
```

# Background

The CSS property to change the background color of an element to Decimal 13369361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC0011 }
```

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

```
.background{ background-color:#CC0011 }
```

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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