

# Converting Colors

Decimal(12951353)

Have a look what the booklet for  
Decimal(12951353) contains.

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# **Color**

**Decimal(12951353)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C59F39
RGB	197, 159, 57
RGB Percent	77%, 62%, 22%
CMY	0.2275, 0.3765, 0.7765
CMYK	0.00, 0.19, 0.71, 0.23
HSL	44°, 55%, 50%
HSV	44°, 71%, 77%
XYZ	36.1626, 36.9620, 9.0993
YIQ	158.7340, 55.3900, -23.6660

# Conversions

## Conversions Part 2

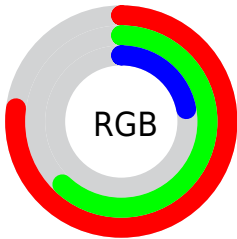
Format	Color
<a href="#">RYB</a>	<a href="#">109, 197, 57</a>
Decimal	<a href="#">12951353</a>
CIELab	<a href="#">67.25, 3.48, 56.09</a>
CIElCh	<a href="#">67, 56.199, 86.452</a>
Yxy	<a href="#">36.9620, 0.4398, 0.4495</a>
Android (android.graphics.Color)	<a href="#">4291141433 (0xFFC59F39)</a>
YUV	<a href="#">158.7340, -50.1549, 33.5593</a>
Hunter-Lab	<a href="#">60.7964, -0.2191, 33.6836</a>

# Details

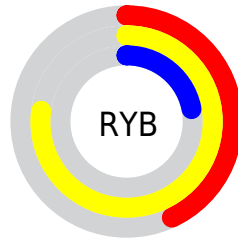
The Decimal color **12951353** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3760069**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **16766318**, and **9137152** is the 20% darker color. If you saturate the color by 10%, you get **12950053**, and if you desaturate by 10%, it is **12952653**.

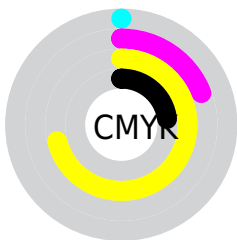
# Distribution



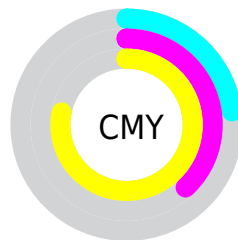
- Red (77%)
- Green (62%)
- Blue (22%)



- Red (43%)
- Yellow (77%)
- Blue (22%)



- Cyan (0%)
- Magenta (19%)
- Yellow (71%)
- Black (23%)



- Cyan (23%)
- Magenta (38%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12951353 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 12951353 by changing the saturation by 10% instead.



 12951353

 12951353

16777215

 11044125

 16766318

 9137152

 16773769

 7296000


 16777124

 5520640

 16777152

 3811328

 16777180

 2167808

 16777209

 0

 12951353

 12951353

 12950053

 12952653

12948498

12954208

12947456

12955508

12956808

12958364

12959663

12960963

12962519

12963818

# Harmonies

## Analogous

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



15436880



12951353



9678403

# Triad

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



12951353



48335



14451932

# Complementary

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



12951353



3760069

# 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.



10263039



12951353



47095

# Square

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



12951353



48284



44031



16545708

# Rectangle

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



12951353



7058779



44031



13274090



# Sweetspot

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



12951353



16773321



12925281



8419168



0



8421504



# Same Dimension

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



12951353



16761894



10995001



6512986



10712832



2365952



# Inverse Universe

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



3760069



2515455



5716421



5921891



11427

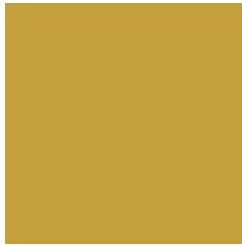


2596



# Previews

## White Background



This preview shows how the Decimal color 12951353 looks on a white background.

## Color Contrast Check

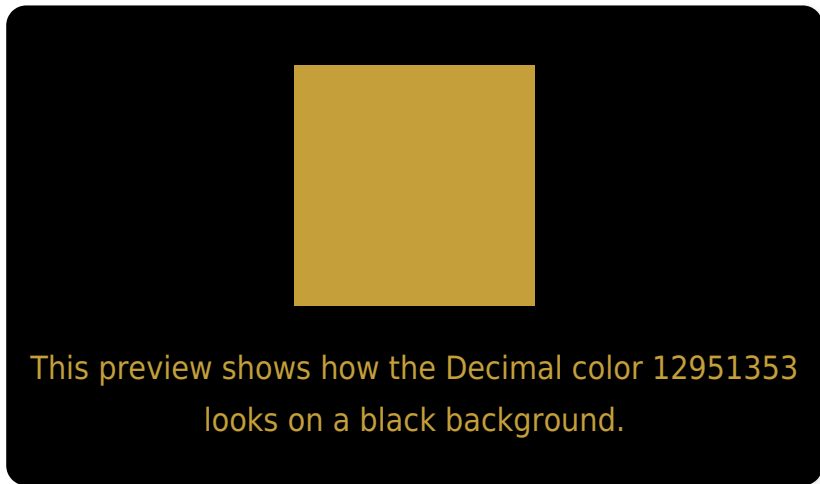
Large Text (above 18pt) WCAG AA × Fail

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](#).



## Decimal 12951353 Background



This preview shows how black text looks on a background with the Decimal color 12951353.



This preview shows how white text looks on a background with the Decimal color 12951353.

# 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**

12951353

**Protanopia**

12035130

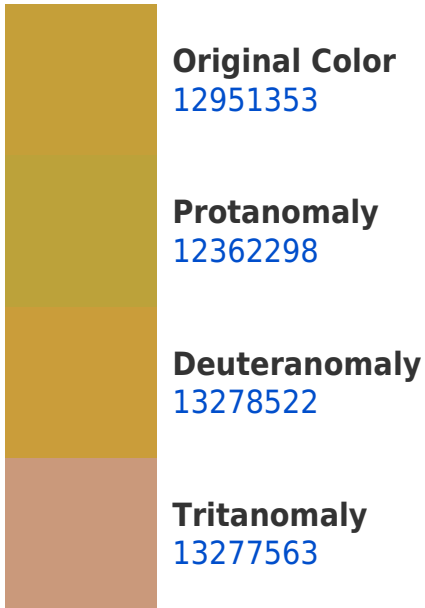
**Deuteranopia**

13474874



**Tritanopia**  
13473184

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12951353 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 #C59F39 looks like.

```
.text, #text, p{  
  color:#C59F39  
}
```

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 #C59F39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C59F39
}
```

## Border

The CSS property to change the border of an element to Decimal 12951353 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
#C59F39 }
```

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

```
.border{ border-color:#C59F39 }
```

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

Here you see how a box with a 4 pixel #C59F39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C59F39; -webkit-box-shadow:4px 4px  
4px 4px #C59F39; box-shadow:4px 4px 4px  
4px #C59F39 }
```

# Background

The CSS property to change the background color of an element to Decimal 12951353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C59F39 }
```

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

```
.background{ background-color:#C59F39 }
```

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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