

# Converting Colors

Decimal(12950110)

Have a look what the booklet for  
Decimal(12950110) contains.

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# **Color**

**Decimal(12950110)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C59A5E
RGB	197, 154, 94
RGB Percent	77%, 60%, 37%
CMY	0.2275, 0.3961, 0.6314
CMYK	0.00, 0.22, 0.52, 0.23
HSL	35°, 47%, 57%
HSV	35°, 52%, 77%
XYZ	36.6019, 35.7897, 15.5686
YIQ	160.0170, 44.8880, -9.5440

# Conversions

## Conversions Part 2

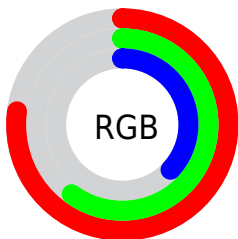
Format	Color
<a href="#">RYB</a>	<a href="#">168, 197, 94</a>
Decimal	<a href="#">12950110</a>
CIELab	<a href="#">66.36, 8.77, 37.42</a>
CIElCh	<a href="#">66, 38.430, 76.803</a>
Yxy	<a href="#">35.7897, 0.4161, 0.4069</a>
Android (android.graphics.Color)	<a href="#">4291140190 (0xFFC59A5E)</a>
YUV	<a href="#">160.0170, -32.5464, 32.4341</a>
Hunter-Lab	<a href="#">59.8245, 4.5174, 26.4476</a>

# Details

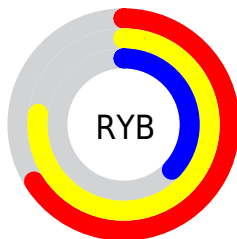
The Decimal color **12950110** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **6195653**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **16765074**, and **9266990** is the 20% darker color. If you saturate the color by 10%, you get **12948042**, and if you desaturate by 10%, it is **12952178**.

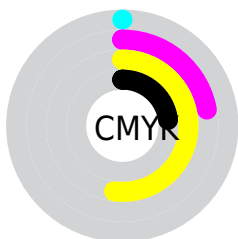
# Distribution



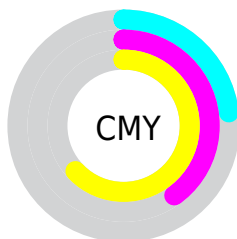
- Red (77%)
- Green (60%)
- Blue (37%)



- Red (66%)
- Yellow (77%)
- Blue (37%)



- Cyan (0%)
- Magenta (22%)
- Yellow (52%)
- Black (23%)



- Cyan (23%)
- Magenta (40%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12950110 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 12950110 by changing the saturation by 10% instead.



 12950110

 12950110

16777215

 11042885

 16765074

 9266990

 16772524

 7425814

 16777160

 5715968

 16777188

 4006656

 2363136

 0

 12950110

 12950110

 12948042

 12952178

 12945975

 12954245

 12943651

 12956569

 12941583

 12958637

 12940032

 12960705

 12962772

 12965096

 12967164

 12969215

# Harmonies

## Analogous

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



14454384



12950110



10790238

# Triad

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



12950110



111796



12423633

# Complementary

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



12950110



6195653

# 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.



9346787



12950110



45523

# Square

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



12950110



5223312



5286372



14387378

# Rectangle

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



12950110



9153385



5286372



11507161

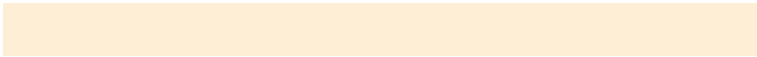


# Sweetspot

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



12950110



16772822



12934795



8418663



0



8421504



# Same Dimension

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



12950110



16759902



12502366



6512474



10706688



2364672



# Inverse Universe

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



6195653



6201855



6643397



5922403



17571

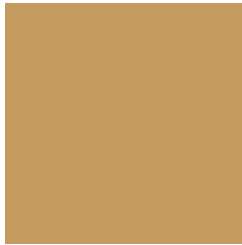


3876



# Previews

## White Background



This preview shows how the Decimal color 12950110 looks on a white background.

## Color Contrast Check

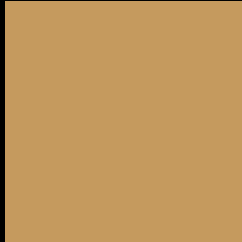
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 12950110 looks on a 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 12950110 Background



This preview shows how black text looks on a background with the Decimal color 12950110.



This preview shows how white text looks on a background with the Decimal color 12950110.

# 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**  
12950110

**Protanopia**  
11641441

**Deuteranopia**  
12950110



**Tritanopia**  
13341342

# Trichromacy



**Original Color**  
12950110

**Protanomaly**  
12099424

**Deuteranomaly**  
12950110

**Tritanomaly**  
13211015

# Monochromacy



**Original Color**  
12950110

**Achromatopsia**  
10526880

**Achromatomaly**  
11378312

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12950110 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 #C59A5E looks like.

```
.text, #text, p{  
    color:#C59A5E  
}
```

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 #C59A5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C59A5E
}
```

## Border

The CSS property to change the border of an element to Decimal 12950110 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
#C59A5E }
```

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

```
.border{ border-color:#C59A5E }
```

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

Here you see how a box with a 4 pixel #C59A5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C59A5E; -webkit-box-shadow:4px 4px  
4px 4px #C59A5E; box-shadow:4px 4px 4px  
4px #C59A5E }
```

# Background

The CSS property to change the background color of an element to Decimal 12950110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C59A5E }
```

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

```
.background{ background-color:#C59A5E }
```

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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