

# Converting Colors

Decimal(12426551)

Have a look what the booklet for  
Decimal(12426551) contains.

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# **Color**

**Decimal(12426551)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD9D37
RGB	189, 157, 55
RGB Percent	74%, 62%, 22%
CMY	0.2588, 0.3843, 0.7843
CMYK	0.00, 0.17, 0.71, 0.26
HSL	46°, 55%, 48%
HSV	46°, 71%, 74%
XYZ	33.7328, 35.2086, 8.6325
YIQ	154.9400, 51.8140, -24.9380

# Conversions

## Conversions Part 2

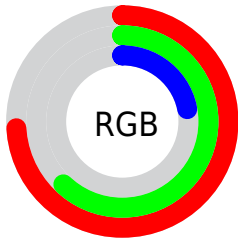
Format	Color
R <sub>Y</sub> B	97, 189, 55
Decimal	12426551
CIE Lab	65.91, 0.94, 55.31
CIE LCh	66, 55.315, 89.026
Yxy	35.2086, 0.4348, 0.4539
Android (android.graphics.Color)	4290616631 (0xFFBD9D37)
YUV	154.9400, -49.2704, 29.8706
Hunter-Lab	59.3368, -2.3627, 32.9101

# Details

The Decimal color **12426551** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3626941**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **16307052**, and **8677888** is the 20% darker color. If you saturate the color by 10%, you get **12425252**, and if you desaturate by 10%, it is **12427850**.

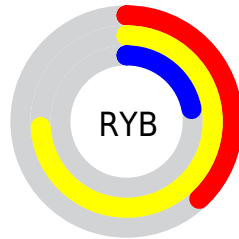
# Distribution



Red (74%)

Green (62%)

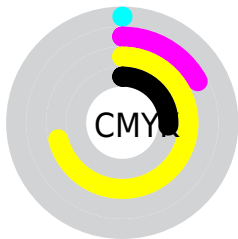
Blue (22%)



Red (38%)

Yellow (74%)

Blue (22%)

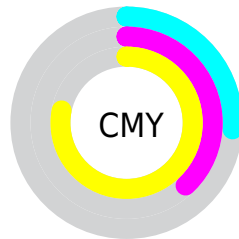


Cyan (0%)

Magenta (17%)

Yellow (71%)

Black (26%)



Cyan (26%)

Magenta (38%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12426551 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 12426551 by changing the saturation by 10% instead.



 12426551

 12426551

16777215

 10519323

 16307052

 8677888

 16773254

 6836736

 16777122

 5061376

 16777149

 3352064

 16777178

 1774080

 16777207

 0

 12426551

 12426551

 12425252

 12427850

 12424209

 12428893

 12423168

 12430192

 12431235

 12432534

 12433576

 12434875

 12435918

 12437217

# Harmonies

## Analogous

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



14912075



12426551



9153348

# Triad

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



12426551



47311



14385364

# Complementary

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



12426551



3626941

# 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.



10458359



12426551



45812

# Square

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



12426551



47261



2533119



16282788

# Rectangle

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



12426551



6533724



2533119



13338338



# Sweetspot

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



12426551



16116161



12400473



8024924



16448250



8026746



# Same Dimension

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



12426551



16106277



10272055



6184021



10385408



2037504



# Inverse Universe

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



3626941



2447093



5846973



5592926



9886

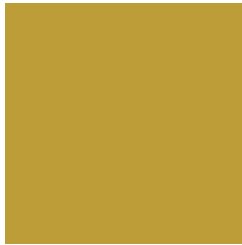


1823



# Previews

## White Background



This preview shows how the Decimal color 12426551 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 12426551 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 12426551 Background



This preview shows how black text looks on a background with the Decimal color 12426551.



This preview shows how white text looks on a background with the Decimal color 12426551.

# 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**  
12426551

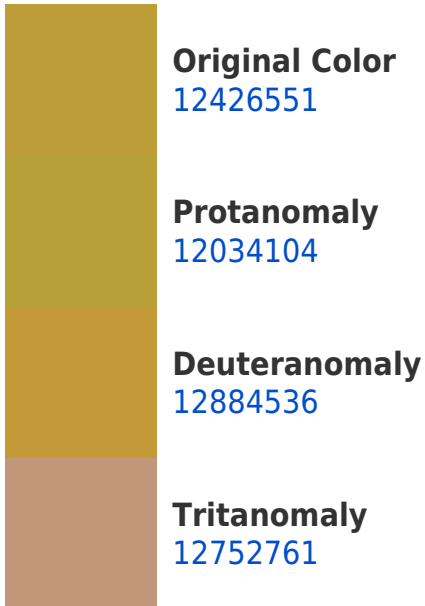
**Protanopia**  
11772216

**Deuteranopia**  
13146169

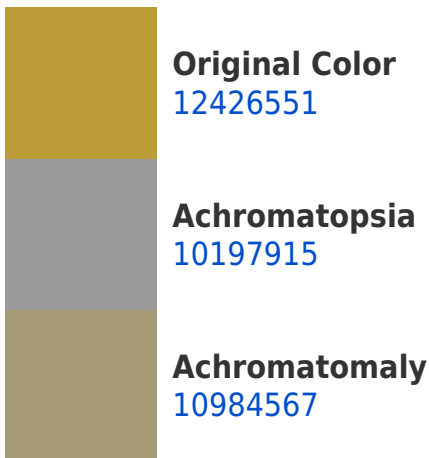


**Tritanopia**  
12948382

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12426551 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 #BD9D37 looks like.

```
.text, #text, p{  
    color:#BD9D37  
}
```

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 #BD9D37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD9D37
}
```

## Border

The CSS property to change the border of an element to Decimal 12426551 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
#BD9D37 }
```

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

```
.border{ border-color:#BD9D37 }
```

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

Here you see how a box with a 4 pixel #BD9D37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD9D37; -webkit-box-shadow:4px 4px  
4px 4px #BD9D37; box-shadow:4px 4px 4px  
4px #BD9D37 }
```

# Background

The CSS property to change the background color of an element to Decimal 12426551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD9D37 }
```

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

```
.background{ background-color:#BD9D37 }
```

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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