

# Converting Colors

Decimal(12032828)

Have a look what the booklet for  
Decimal(12032828) contains.

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# **Color**

**Decimal(12032828)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B79B3C
RGB	183, 155, 60
RGB Percent	72%, 61%, 24%
CMY	0.2824, 0.3922, 0.7647
CMYK	0.00, 0.15, 0.67, 0.28
HSL	46°, 51%, 48%
HSV	46°, 67%, 72%
XYZ	32.0654, 33.8362, 9.1160
YIQ	152.5420, 47.1830, -23.6090

# Conversions

## Conversions Part 2

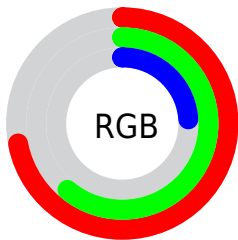
Format	Color
<a href="#">RYB</a>	<a href="#">96, 183, 60</a>
Decimal	<a href="#">12032828</a>
CIELab	<a href="#">64.83, -0.34, 51.87</a>
CIELCh	<a href="#">65, 51.873, 90.379</a>
Yxy	<a href="#">33.8362, 0.4274, 0.4510</a>
Android (android.graphics.Color)	<a href="#">4290222908</a> ( <a href="#">0xFFB79B3C</a> )
YUV	<a href="#">152.5420, -45.6232, 26.7117</a>
Hunter-Lab	<a href="#">58.1689, -3.3981, 31.4266</a>

# Details

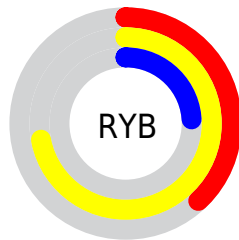
The Decimal color **12032828** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3954871**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **15913328**, and **8349696** is the 20% darker color. If you saturate the color by 10%, you get **12031786**, and if you desaturate by 10%, it is **12033870**.

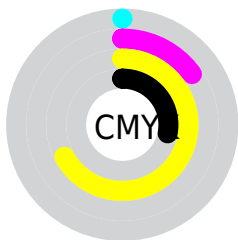
# Distribution



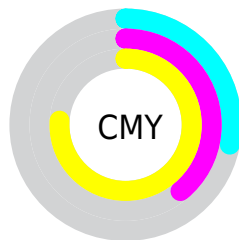
- Red (72%)
- Green (61%)
- Blue (24%)



- Red (38%)
- Yellow (72%)
- Blue (24%)



- Cyan (0%)
- Magenta (15%)
- Yellow (67%)
- Black (28%)























- Cyan (28%)
- Magenta (39%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12032828 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 12032828 by changing the saturation by 10% instead.



 12032828	 12032828
 16777215	 10125601
 15913328	 8349696
 16772491	 6508544
 16777126	 4798976
 16777154	 3089408
 16777182	 1445888
 16777211	 0
 12032828	 12032828
 12031786	 12033870

■ 12030743

■ 12034913

■ 12029701

■ 12035955

■ 12029184

■ 12037253

■ 12038296

■ 12039338

■ 12040380

■ 12041422

■ 12042465

# Harmonies

## Analogous

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



14453325



12032828



8955977

# Triad

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



12032828



46283



14122956

# Complementary

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



12032828



3954871

# 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.



10523118



12032828



44781

# Square

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



12032828



46236



4236026



15824287

# Rectangle

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



12032828



6467168



4236026



13141209



# Sweetspot

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



12032828



15590078



12008537



7893339



16250871



7895160



# Same Dimension

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



12032828



15581485



9877308



6052435



10254336



1840640



# Inverse Universe

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



3954871



2972141



6110391



5461340



9116

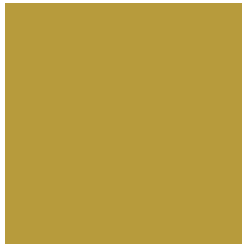


1564



# Previews

## White Background



This preview shows how the Decimal color 12032828 looks on a white background.

## Color Contrast Check

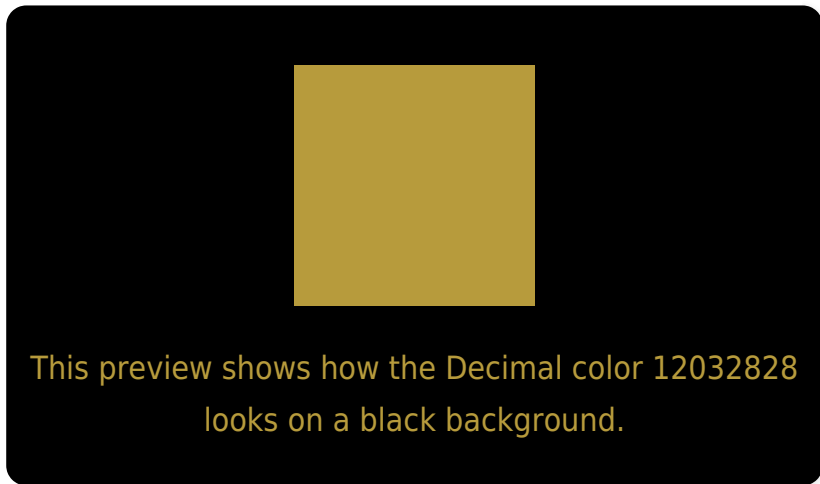
Large Text (above 18pt) WCAG AA × Fail

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 12032828 Background



This preview shows how black text looks on a background with the Decimal color 12032828.

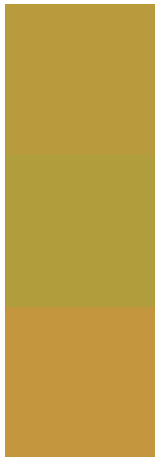


This preview shows how white text looks on a background with the Decimal color 12032828.

# 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**  
12032828

**Protanopia**  
11574845

**Deuteranopia**  
12883518



**Tritanopia**  
12554652

# Trichromacy



**Original Color**  
12032828

**Protanomaly**  
11771197

**Deuteranomaly**  
12556349

**Tritanomaly**  
12359033

# Monochromacy



**Original Color**  
12032828

**Achromatopsia**  
10066329

**Achromatomaly**  
10787447

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12032828 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 #B79B3C looks like.

```
.text, #text, p{  
    color:#B79B3C  
}
```

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 #B79B3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B79B3C  
}
```

## Border

The CSS property to change the border of an element to Decimal 12032828 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  
#B79B3C }
```

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

```
.border{ border-color:#B79B3C }
```

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

Here you see how a box with a 4 pixel #B79B3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B79B3C; -webkit-box-shadow:4px 4px  
4px 4px #B79B3C; box-shadow:4px 4px 4px  
4px #B79B3C }
```

# Background

The CSS property to change the background color of an element to Decimal 12032828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B79B3C }
```

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

```
.background{ background-color:#B79B3C }
```

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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