

# Converting Colors

Decimal(12032553)

Have a look what the booklet for  
Decimal(12032553) contains.

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# **Color**

**Decimal(12032553)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B79A29
RGB	183, 154, 41
RGB Percent	72%, 60%, 16%
CMY	0.2824, 0.3961, 0.8392
CMYK	0.00, 0.16, 0.78, 0.28
HSL	48°, 63%, 44%
HSV	48°, 78%, 72%
XYZ	31.4843, 33.3386, 6.8734
YIQ	149.7890, 53.5570, -28.9950

# Conversions

## Conversions Part 2

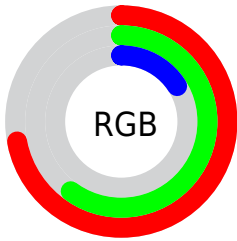
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 183, 41
Decimal	12032553
CIELab	64.43, -0.74, 59.05
CIELCh	64, 59.050, 90.720
Yxy	33.3386, 0.4391, 0.4650
Android (android.graphics.Color)	4290222633 (0xFFB79A29)
YUV	149.7890, -53.6330, 29.1260
Hunter-Lab	57.7396, -3.7116, 33.3597

# Details

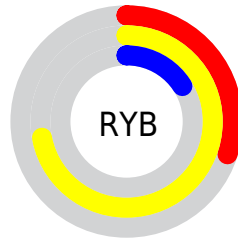
The Decimal color **12032553** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2705079**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **15913055**, and **8283904** is the 20% darker color. If you saturate the color by 10%, you get **12031511**, and if you desaturate by 10%, it is **12033595**.

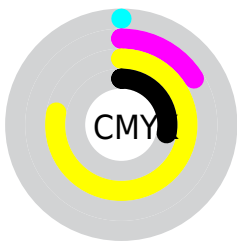
# Distribution



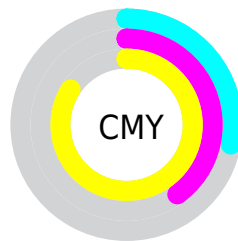
- Red (72%)
- Green (60%)
- Blue (16%)



- Red (30%)
- Yellow (72%)
- Blue (16%)



- Cyan (0%)
- Magenta (16%)
- Yellow (78%)
- Black (28%)



- Cyan (28%)
- Magenta (40%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12032553 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 12032553 by changing the saturation by 10% instead.



 12032553

 12032553

16777215

 10125315

 15913055

 8283904

 16772218

 6508544

 16777109

 4667648

 16777137

 3023872

 16777166

 1314560

 16777194

 0

 12032553

 12032553

 12031511

 12033595

■ 12030724

■ 12034382

■ 12030464

■ 12035424

■ 12036466

■ 12037509

■ 12038295

■ 12039337

■ 12040379

■ 12041422

# Harmonies

## Analogous

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



14714431



12032553



8563003

# Triad

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



12032553



46545



14514385

# Complementary

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



12032553



2705079

# 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.



10456823



12032553



45048

# Square

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



12032553



46748



41727



16411549

# Rectangle

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



12032553



5549910



41727



13402080



# Sweetspot

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



12032553



15590071



12003656



7893334



16250871



7895160



# Same Dimension

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



12032553



15581201



9418537



6052435



10255360



1840640



# Inverse Universe

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



2705079



1130221



5319095



5461084



8348

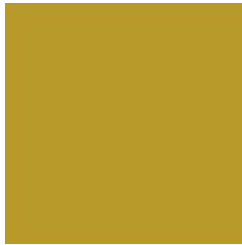


1564



# Previews

## White Background



This preview shows how the Decimal color 12032553 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 12032553 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 12032553 Background



This preview shows how black text looks on a background with the Decimal color 12032553.

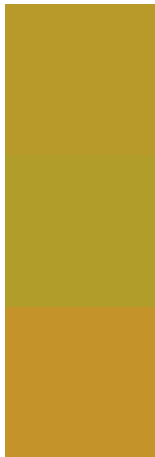


This preview shows how white text looks on a background with the Decimal color 12032553.

# 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**  
12032553

**Protanopia**  
11574570

**Deuteranopia**  
12882987



**Tritanopia**  
12554395

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12032553 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 #B79A29 looks like.

```
.text, #text, p{  
  color:#B79A29  
}
```

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 #B79A29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B79A29
}
```

## Border

The CSS property to change the border of an element to Decimal 12032553 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
#B79A29 }
```

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

```
.border{ border-color:#B79A29 }
```

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

Here you see how a box with a 4 pixel #B79A29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B79A29; -webkit-box-shadow:4px 4px  
4px 4px #B79A29; box-shadow:4px 4px 4px  
4px #B79A29 }
```

# Background

The CSS property to change the background color of an element to Decimal 12032553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B79A29 }
```

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

```
.background{ background-color:#B79A29 }
```

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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