

# Converting Colors

Decimal(12495427)

Have a look what the booklet for  
Decimal(12495427) contains.

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# **Color**

**Decimal(12495427)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEAA43
RGB	190, 170, 67
RGB Percent	75%, 67%, 26%
CMY	0.2549, 0.3333, 0.7373
CMYK	0.00, 0.11, 0.65, 0.25
HSL	50°, 49%, 50%
HSV	50°, 65%, 75%
XYZ	36.6230, 40.1018, 11.1204
YIQ	164.2380, 44.9830, -27.7930

# Conversions

## Conversions Part 2

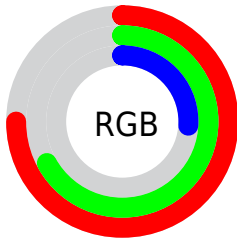
Format	Color
<a href="#">RYB</a>	<a href="#">91, 190, 67</a>
Decimal	<a href="#">12495427</a>
CIELab	<a href="#">69.54, -4.88, 54.00</a>
CIELCh	<a href="#">70, 54.219, 95.161</a>
Yxy	<a href="#">40.1018, 0.4169, 0.4565</a>
Android (android.graphics.Color)	<a href="#">4290685507 (0xFFBEAA43)</a>
YUV	<a href="#">164.2380, -47.9383, 22.5933</a>
Hunter-Lab	<a href="#">63.3260, -7.5894, 33.9166</a>

# Details

The Decimal color **12495427** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4413374**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **16376184**, and **8746502** is the 20% darker color. If you saturate the color by 10%, you get **12494640**, and if you desaturate by 10%, it is **12496214**.

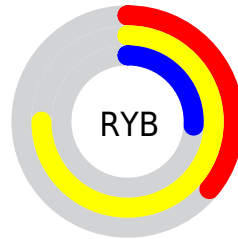
# Distribution



Red (75%)

Green (67%)

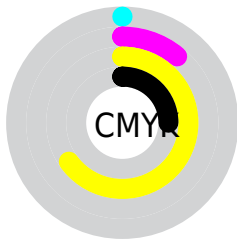
Blue (26%)



Red (36%)

Yellow (75%)

Blue (26%)

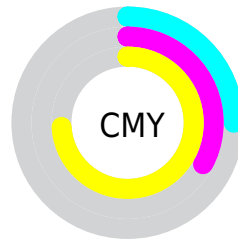


Cyan (0%)

Magenta (11%)

Yellow (65%)

Black (25%)



Cyan (25%)

Magenta (33%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12495427 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 12495427 by changing the saturation by 10% instead.



 12495427

 12495427

16777215

 10588200

 16376184

 8746502

 16776851

 6970880

 16777134

 5260800

 16777162

 3485696

 16777191

 1907712

 0

 12495427

 12495427

 12494640

 12496214

 12493853

 12497001

 12493066

 12497788

 12492544

 12498575

 12499362

 12500405

 12501192

 12501979

 12502766

# Harmonies

## Analogous

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



15177808



12495427



9156438

# Triad

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



12495427



49633



15566804

# Complementary

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



12495427



4413374

# 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.



12098043



12495427



47871

# Square

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



12495427



49841



6270207



16744355

# Rectangle

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



12495427



6339951



6270207



14650851



# Sweetspot

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



12495427



16249032



12469080



8222816



16579836



8224125



# Same Dimension

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



12495427



16242742



9813571



6184277



10388480



2038272



# Inverse Universe

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



4413374



3561207



7095230



5592670



6814



1311



# Previews

## White Background



This preview shows how the Decimal color 12495427 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 12495427 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 12495427 Background



This preview shows how black text looks on a background with the Decimal color 12495427.



This preview shows how white text looks on a background with the Decimal color 12495427.

# 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**  
12495427

**Protanopia**  
12429891

**Deuteranopia**  
13869638

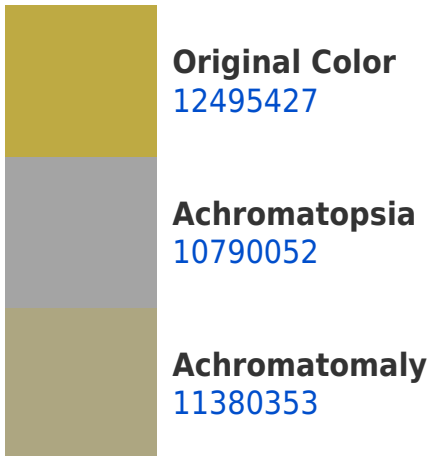


**Tritanopia**  
13082540

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12495427 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 #BEAA43 looks like.

```
.text, #text, p{  
    color:#BEAA43  
}
```

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 #BEAA43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEAA43
}
```

## Border

The CSS property to change the border of an element to Decimal 12495427 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
#BEAA43 }
```

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

```
.border{ border-color:#BEAA43 }
```

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

Here you see how a box with a 4 pixel #BEAA43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEAA43; -webkit-box-shadow:4px 4px  
4px 4px #BEAA43; box-shadow:4px 4px 4px  
4px #BEAA43 }
```

# Background

The CSS property to change the background color of an element to Decimal 12495427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEAA43 }
```

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

```
.background{ background-color:#BEAA43 }
```

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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