

Converting Colors

Decimal(12170586)

Have a look what the booklet for
Decimal(12170586) contains.

Decimal(12170586)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12170586)

Conversions

Conversions Part 1

Format	Color
Hex	B9B55A
RGB	185, 181, 90
RGB Percent	73%, 71%, 35%
CMY	0.2745, 0.2902, 0.6471
CMYK	0.00, 0.02, 0.51, 0.27
HSL	57°, 40%, 54%
HSV	57°, 51%, 73%
XYZ	38.3769, 44.1002, 16.1624
YIQ	171.8220, 31.5950, -27.4530

Conversions

Conversions Part 2

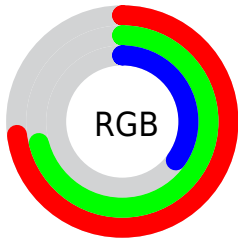
Format	Color
RYB	94, 185, 90
Decimal	12170586
CIELab	72.30, -11.03, 46.34
CIELCh	72, 47.632, 103.386
Yxy	44.1002, 0.3891, 0.4471
Android (android.graphics.Color)	4290360666 (0xFFB9B55A)
YUV	171.8220, -40.3382, 11.5571
Hunter-Lab	66.4080, -13.0595, 32.0556

Details

The Decimal color **12170586** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **5922489**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **15986062**, and **8552487** is the 20% darker color. If you saturate the color by 10%, you get **12170312**, and if you desaturate by 10%, it is **12170861**.

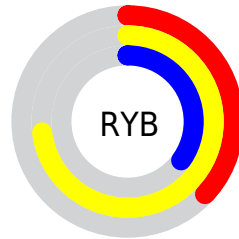
Distribution



Red (73%)

Green (71%)

Blue (35%)



Red (37%)

Yellow (73%)

Blue (35%)

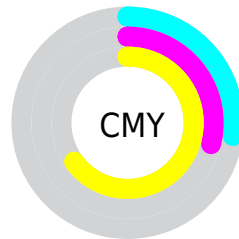


Cyan (0%)

Magenta (2%)

Yellow (51%)

Black (27%)



Cyan (27%)

Magenta (29%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12170586 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 12170586 by changing the saturation by 10% instead.

 12170586

 12170586

16777215

 10328641

 15986062

 8552487

 16777130

 6776585

 16777157

 5066496

 16777186

 3422464

 1843968

 3840

 0

 12170586

 12170586

12170312

12170861

12170037

12171135

12170019

12171154

12169744

12171428

12169472

12171703

12171977

12171996

12172270

12172543

Harmonies

Analogous

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



14788189



12170586



9027696

Triad

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



12170586



50668



16159179

Complementary

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



12170586



5922489

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.



13541105



12170586



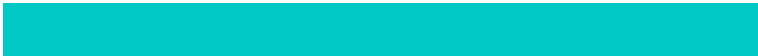
2080255

Square

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



12170586



51396



9351167



16748191

Rectangle

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



12170586



6473097



9351167



15439321

Sweetspot

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



12170586



15789772



12147295



7894882



16250871



7895160

Same Dimension

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



12170586



15788379



9353562



6052691



10261760



1841920

Inverse Universe

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



5922489



5988848



8739513



5460828



1948



284

Previews

White Background



This preview shows how the Decimal color 12170586 looks on a white background.

Color Contrast Check

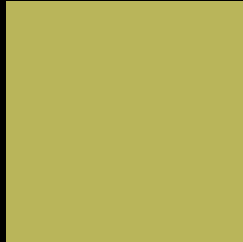
Large Text (above 18pt) WCAG AA × Fail

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 12170586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

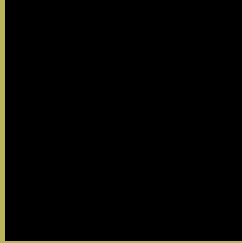
Any Text WCAG AA ✓ Pass

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 12170586 Background



This preview shows how black text looks on a background with the Decimal color 12170586.



This preview shows how white text looks on a background with the Decimal color 12170586.

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





Tritanopia
12823480

Trichromacy



Original Color
12170586

Protanomaly
12628569

Deuteranomaly
13479260

Tritanomaly
12562326

Monochromacy



Original Color
12170586

Achromatopsia
11316396

Achromatomaly
11644814

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12170586 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 #B9B55A looks like.

```
.text, #text, p{  
    color:#B9B55A  
}
```

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 #B9B55A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9B55A
}
```

Border

The CSS property to change the border of an element to Decimal 12170586 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
#B9B55A }
```

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

```
.border{ border-color:#B9B55A }
```

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

Here you see how a box with a 4 pixel #B9B55A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9B55A; -webkit-box-shadow:4px 4px  
4px 4px #B9B55A; box-shadow:4px 4px 4px  
4px #B9B55A }
```

Background

The CSS property to change the background color of an element to Decimal 12170586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9B55A }
```

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

```
.background{ background-color:#B9B55A }
```

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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