

Converting Colors

Decimal(12636941)

Have a look what the booklet for
Decimal(12636941) contains.

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Color

Decimal(12636941)

Conversions

Conversions Part 1

Format	Color
Hex	C0D30D
RGB	192, 211, 13
RGB Percent	75%, 83%, 5%
CMY	0.2471, 0.1725, 0.9490
CMYK	0.09, 0.00, 0.94, 0.17
HSL	66°, 88%, 44%
HSV	66°, 94%, 83%
XYZ	45.1051, 57.8241, 9.1646
YIQ	182.7470, 52.2340, -65.6060

Conversions

Conversions Part 2

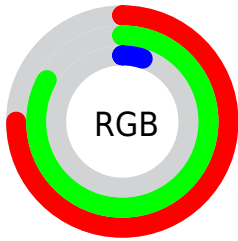
Format	Color
R _{YB}	13, 211, 32
Decimal	12636941
CIE Lab	80.64, -26.55, 78.97
CIE LCh	81, 83.318, 108.585
Yxy	57.8241, 0.4024, 0.5159
Android (android.graphics.Color)	4290827021 (0xFFC0D30D)
YUV	182.7470, -83.6853, 8.1149
Hunter-Lab	76.0421, -27.1947, 46.0838

Details

The Decimal color **12636941** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **2100691**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **16580441**, and **8822016** is the 20% darker color. If you saturate the color by 10%, you get **12571392**, and if you desaturate by 10%, it is **12768034**.

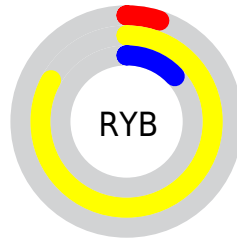
Distribution



Red (75%)

Green (83%)

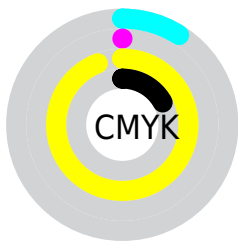
Blue (5%)



Red (5%)

Yellow (83%)

Blue (13%)

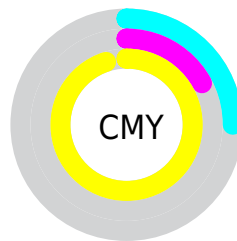


Cyan (9%)

Magenta (0%)

Yellow (94%)

Black (17%)



Cyan (25%)



















Magenta (17%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12636941 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 12636941 by changing the saturation by 10% instead.

 12636941	 12636941
 16777215	 10729216
 16580441	 8822016
 16777079	 6914816
 16777108	 5073152
 16777137	 3232000
 16777166	 1391104
 16777196	 9472
	 1024
	 0

■ 12636941

■ 12636941

■ 12571392

■ 12768034

■ 12899127

■ 13030220

■ 13161313

■ 13292407

■ 13423500

■ 13554593

■ 13685686

■ 13816779

Harmonies

Analogous

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



16759311



12636941



6218585

Triad

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



12636941



59647



16744169

Complementary

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



12636941



2100691

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.



16752127



12636941



56063

Square

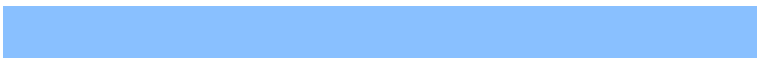
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12636941



60664



9027839



16743835

Rectangle

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



12636941



59788



9027839



16746239

Sweetspot

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



12636941



16318392



13835789



8093780



0



8421504

Same Dimension

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



12636941



15204096



6279949



6842718



10004480



2435328

Inverse Universe

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



2100691



1573119



8392147



6250089



1048744



262185

Previews

White Background



This preview shows how the Decimal color 12636941 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 12636941 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 12636941 Background



This preview shows how black text looks on a background with the Decimal color 12636941.



This preview shows how white text looks on a background with the Decimal color 12636941.

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
12636941

Protanopia
14796800

Deuteranopia
16563493



Tritanopia
13616340

Trichromacy



Original Color
12636941

Protanomaly
14011397

Deuteranomaly
15123740

Tritanomaly
13289868

Monochromacy



Original Color
12636941

Achromatopsia
12040119

Achromatomaly
12239225

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12636941 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 #C0D30D looks like.

```
.text, #text, p{  
  color:#C0D30D  
}
```

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 #C0D30D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0D30D
}
```

Border

The CSS property to change the border of an element to Decimal 12636941 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
#C0D30D }
```

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

```
.border{ border-color:#C0D30D }
```

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

Here you see how a box with a 4 pixel #C0D30D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0D30D; -webkit-box-shadow:4px 4px  
4px 4px #C0D30D; box-shadow:4px 4px 4px  
4px #C0D30D }
```

Background

The CSS property to change the background color of an element to Decimal 12636941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0D30D }
```

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

```
.background{ background-color:#C0D30D }
```

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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