

Converting Colors

Decimal(14270064)

Have a look what the booklet for
Decimal(14270064) contains.

Decimal(14270064)	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(14270064)

Conversions

Conversions Part 1

Format	Color
Hex	D9BE70
RGB	217, 190, 112
RGB Percent	85%, 75%, 44%
CMY	0.1490, 0.2549, 0.5608
CMYK	0.00, 0.12, 0.48, 0.15
HSL	45°, 58%, 65%
HSV	45°, 48%, 85%
XYZ	49.9534, 52.7485, 22.8779
YIQ	189.1810, 41.1300, -18.5340

Conversions

Conversions Part 2

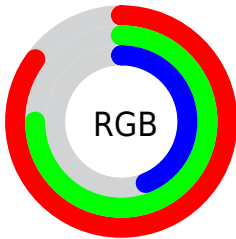
Format	Color
RYB	148, 217, 112
Decimal	14270064
CIELab	77.73, -0.49, 42.70
CIELCh	78, 42.700, 90.659
Yxy	52.7485, 0.3978, 0.4200
Android (android.graphics.Color)	4292460144 (0xFFD9BE70)
YUV	189.1810, -38.0502, 24.3973
Hunter-Lab	72.6281, -4.3277, 32.1633

Details

The Decimal color **14270064** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7375833**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **16774821**, and **10520894** is the 20% darker color. If you saturate the color by 10%, you get **14268506**, and if you desaturate by 10%, it is **14271622**.

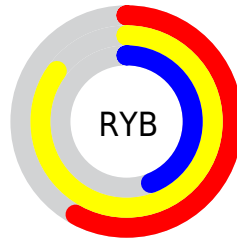
Distribution



Red (85%)

Green (75%)

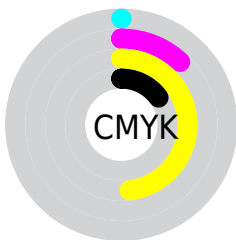
Blue (44%)



Red (58%)

Yellow (85%)

Blue (44%)

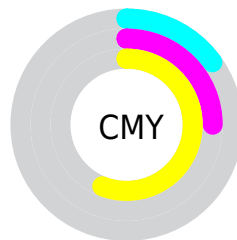


Cyan (0%)

Magenta (12%)

Yellow (48%)

Black (15%)



Cyan (15%)

Magenta (25%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 14270064 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 14270064 by changing the saturation by 10% instead.

 14270064

 14270064

16777215

 12362583

 16774821

 10520894

 16777153

 8679461

 16777181

 6969097

 16777210

 5259264

 3549952

 1971712

 0

 14270064

 14270064

14268506

14271622

14267205

14272923

14265647

14274481

14264345

14275783

14262787

14277340

14262528

14278642

14280191

14281727

14283007

Harmonies

Analogous

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



16363644



14270064



11586170

Triad

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



14270064



54503



15968488

Complementary

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



14270064



7375833

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.



13022719



14270064



3788543

Square

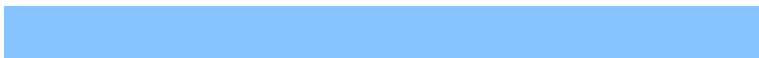
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14270064



4707776



8897791



16753089

Rectangle

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



14270064



9555852



8897791



15117555

Sweetspot

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



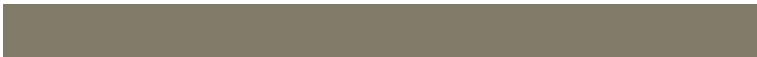
14270064



16774617



14250124



8419945



0



8421504

Same Dimension

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



14270064



16767339



12704112



7236451



11370752



3023360

Inverse Universe

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



7375833



7049727



9007321



6514286



11693



3118

Previews

White Background



This preview shows how the Decimal color 14270064 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 14270064 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 14270064 Background



This preview shows how black text looks on a background with the Decimal color 14270064.

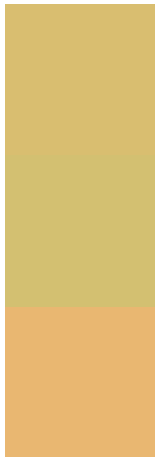


This preview shows how white text looks on a background with the Decimal color 14270064.

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
14270064

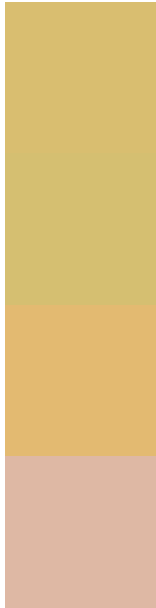
Protanopia
13877361

Deuteranopia
15316849



Tritanopia
14791874

Trichromacy



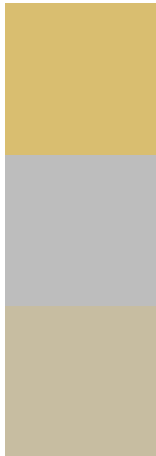
Original Color
14270064

Protanomaly
14008177

Deuteranomaly
14924401

Tritanomaly
14596260

Monochromacy



Original Color
14270064

Achromatopsia
12434877

Achromatomaly
13090209

CSS Examples

Text

The CSS property to change the color of the text to Decimal 14270064 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 #D9BE70 looks like.

```
.text, #text, p{  
    color:#D9BE70  
}
```

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 #D9BE70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9BE70
}
```

Border

The CSS property to change the border of an element to Decimal 14270064 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
#D9BE70 }
```

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

```
.border{ border-color:#D9BE70 }
```

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

Here you see how a box with a 4 pixel #D9BE70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9BE70; -webkit-box-shadow:4px 4px  
4px 4px #D9BE70; box-shadow:4px 4px 4px  
4px #D9BE70 }
```

Background

The CSS property to change the background color of an element to Decimal 14270064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9BE70 }
```

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

```
.background{ background-color:#D9BE70 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor