

Converting Colors

Decimal(13727837)

Have a look what the booklet for
Decimal(13727837) contains.

Decimal(13727837)	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(13727837)

Conversions

Conversions Part 1

Format	Color
Hex	D1785D
RGB	209, 120, 93
RGB Percent	82%, 47%, 36%
CMY	0.1804, 0.5294, 0.6353
CMYK	0.00, 0.43, 0.56, 0.18
HSL	14°, 56%, 59%
HSV	14°, 56%, 82%
XYZ	34.9867, 27.7786, 13.8737
YIQ	143.5330, 61.7110, 10.4710

Conversions

Conversions Part 2

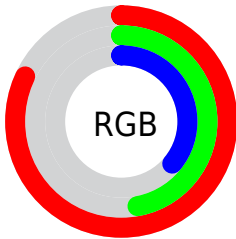
Format	Color
RYB	209, 128, 93
Decimal	13727837
CIELab	59.69, 32.10, 29.86
CIElCh	60, 43.835, 42.930
Yxy	27.7786, 0.4565, 0.3625
Android (android.graphics.Color)	4291917917 (0xFFD1785D)
YUV	143.5330, -24.9128, 57.4146
Hunter-Lab	52.7054, 26.2570, 21.2868

Details

The Decimal color **13727837** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **6141649**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **16756112**, and **9848366** is the 20% darker color. If you saturate the color by 10%, you get **13723720**, and if you desaturate by 10%, it is **13731954**.

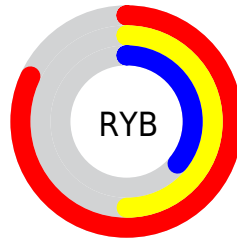
Distribution



Red (82%)

Green (47%)

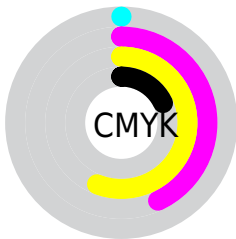
Blue (36%)



Red (82%)

Yellow (50%)

Blue (36%)

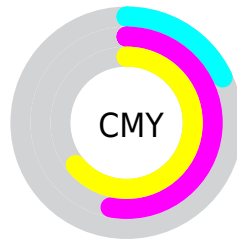


Cyan (0%)

Magenta (43%)

Yellow (56%)

Black (18%)



Cyan (18%)

Magenta (53%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13727837 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 13727837 by changing the saturation by 10% instead.

 13727837

 13727837

16777215

 11755077

 16756112

 9848366

 16763306

 8006937

 16770502

 6165760

 16777186

 4325376

 2818049

 0

 13727837

 13727837

 13723720

 13731954

 13719603

 13736071

 13715486

 13740188

 13711369

 13744305

 13709568

 13748421

 13752538

 13756655

 13760767

 13762559

Harmonies

Analogous

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



14250112



13727837



12158533

Triad

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



13727837



3121784



7245531

Complementary

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



13727837



6141649

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.



39641



13727837



42144

Square

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



13727837



7117909



41411



11042760

Rectangle

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



13727837



10719040



41411



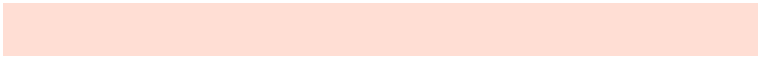
5477341

Sweetspot

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



13727837



16768724



13721016



8416358



0



8421504

Same Dimension

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



13727837



16743508



13742173



6906206



11020032



2689280

Inverse Universe

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



6141649



5560319



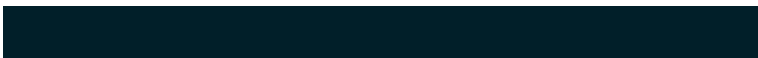
6127313



6186601



33192



7977

Previews

White Background



This preview shows how the Decimal color 13727837 looks on a white background.

Color Contrast Check

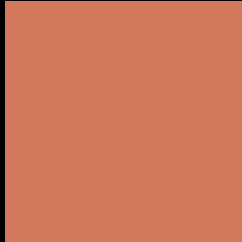
Large Text (above 18pt) WCAG AA ✓ Pass

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 13727837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

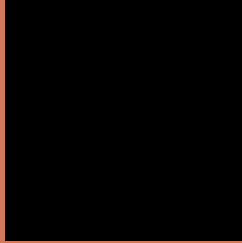
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 13727837 Background



This preview shows how black text looks on a background with the Decimal color 13727837.



This preview shows how white text looks on a background with the Decimal color 13727837.

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
13727837

Protanopia
10195047

Deuteranopia
11438682



Tritanopia
13857916

Trichromacy



Original Color
13727837

Protanomaly
11503459

Deuteranomaly
12288859

Tritanomaly
13792625

Monochromacy



Original Color
13727837

Achromatopsia
9474192

Achromatomaly
11044733

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13727837 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 #D1785D looks like.

```
.text, #text, p{  
    color:#D1785D  
}
```

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 #D1785D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1785D
}
```

Border

The CSS property to change the border of an element to Decimal 13727837 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
#D1785D }
```

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

```
.border{ border-color:#D1785D }
```

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

Here you see how a box with a 4 pixel #D1785D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1785D; -webkit-box-shadow:4px 4px  
4px 4px #D1785D; box-shadow:4px 4px 4px  
4px #D1785D }
```

Background

The CSS property to change the background color of an element to Decimal 13727837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1785D }
```

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

```
.background{ background-color:#D1785D }
```

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