

Converting Colors

Decimal(12705764)

Have a look what the booklet for
Decimal(12705764) contains.

Decimal(12705764)	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(12705764)

Conversions

Conversions Part 1

Format	Color
Hex	C1DFE4
RGB	193, 223, 228
RGB Percent	76%, 87%, 89%
CMY	0.2431, 0.1255, 0.1059
CMYK	0.15, 0.02, 0.00, 0.11
HSL	189°, 39%, 83%
HSV	189°, 15%, 89%
XYZ	62.3836, 69.7142, 83.5670
YIQ	214.6000, -19.4850, -4.8050

Conversions

Conversions Part 2

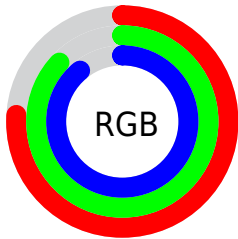
Format	Color
R_{YB}	193, 209, 228
Decimal	12705764
CIE _{Lab}	86.86, -8.82, -5.78
CIE _{LCh}	87, 10.545, 213.208
Yxy	69.7142, 0.2893, 0.3233
Android (android.graphics.Color)	4290895844 (0xFFC1DFE4)
YUV	214.6000, 6.6062, -18.9432
Hunter-Lab	83.4951, -12.7495, -0.8946

Details

The Decimal color **12705764** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **14993089**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **16449535**, and **9152685** is the 20% darker color. If you saturate the color by 10%, you get **11197668**, and if you desaturate by 10%, it is **14213860**.

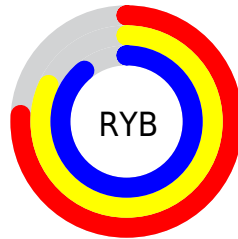
Distribution



Red (76%)

Green (87%)

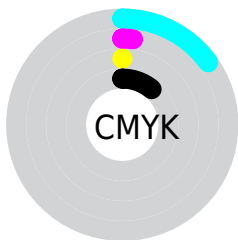
Blue (89%)



Red (76%)

Yellow (82%)

Blue (89%)

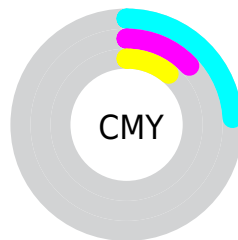


Cyan (15%)

Magenta (2%)

Yellow (0%)

Black (11%)



Cyan (24%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12705764 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 12705764 by changing the saturation by 10% instead.

■ 12705764

16777215

■ 16449535

■ 12705764

■ 10929096

■ 9152685

■ 7441810

■ 5796984





















■ 4217696

■ 2704456

■ 1191218

■ 6429

■ 1

 12705764	 12705764
 11197668	 14213860
 9689316	 15722212
 8246756	 16771556
 6738660	 16772324
 5230564	 16773092
 3722212	 16774116
 2214116	 16774884
 771556	 16775652
 50148	 16776420

Harmonies

Analogous

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



12837082



12705764



13032939

Triad

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



12705764



15258851



14801350

Complementary

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



12705764



14993089

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.



15390408



12705764



15651801

Square

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



12705764



14538730



15717583



14015689

Rectangle

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



12705764



13491181



15717583



14997702

Sweetspot

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



12705764



15924735



12707014



7896704



0



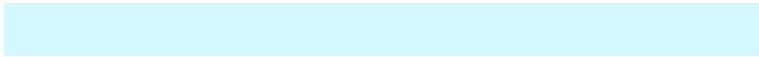
8421504

Same Dimension

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



12705764



13760767



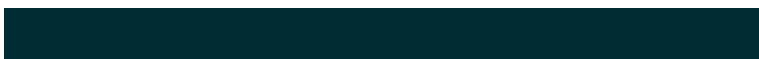
12701412



6779251



39347



11315

Inverse Universe

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



14991839



16765432



14997441



7563121



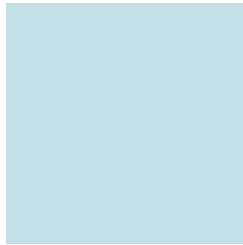
11731097



3342380

Previews

White Background



This preview shows how the Decimal color 12705764 looks on a white background.

Color Contrast Check

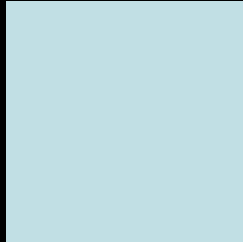
Large Text (above 18pt) WCAG AA × Fail

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 12705764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

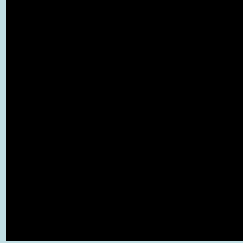
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

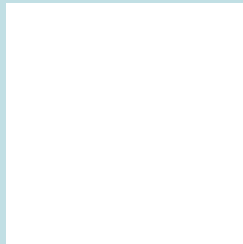
Any Text WCAG AAA ✓ Pass

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

Decimal 12705764 Background



This preview shows how black text looks on a background with the Decimal color 12705764.



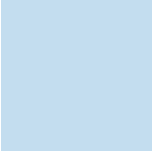
This preview shows how white text looks on a background with the Decimal color 12705764.

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](#).

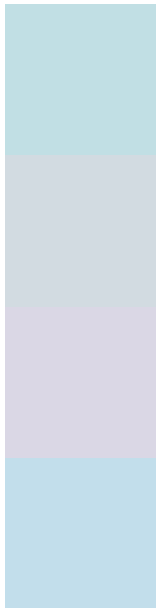
Dichromacy





Tritanopia
12836335

Trichromacy



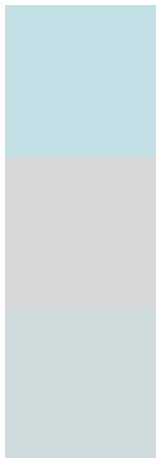
Original Color
12705764

Protanomaly
13818849

Deuteranomaly
14342117

Tritanomaly
12771051

Monochromacy



Original Color
12705764

Achromatopsia
14145495

Achromatomaly
13621980

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12705764 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 #C1DFE4 looks like.

```
.text, #text, p{  
    color:#C1DFE4  
}
```

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 #C1DFE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1DFE4
}
```

Border

The CSS property to change the border of an element to Decimal 12705764 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
#C1DFE4 }
```

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

```
.border{ border-color:#C1DFE4 }
```

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

Here you see how a box with a 4 pixel #C1DFE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1DFE4; -webkit-box-shadow:4px 4px  
4px 4px #C1DFE4; box-shadow:4px 4px 4px  
4px #C1DFE4 }
```

Background

The CSS property to change the background color of an element to Decimal 12705764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1DFE4 }
```

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

```
.background{ background-color:#C1DFE4 }
```

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