

Converting Colors

Decimal(12636644)

Have a look what the booklet for
Decimal(12636644) contains.

Decimal(12636644)	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(12636644)

Conversions

Conversions Part 1

Format	Color
Hex	C0D1E4
RGB	192, 209, 228
RGB Percent	75%, 82%, 89%
CMY	0.2471, 0.1804, 0.1059
CMYK	0.16, 0.08, 0.00, 0.11
HSL	212°, 40%, 82%
HSV	212°, 16%, 89%
XYZ	58.5423, 62.4088, 82.3594
YIQ	206.0830, -16.2310, 2.3050

Conversions

Conversions Part 2

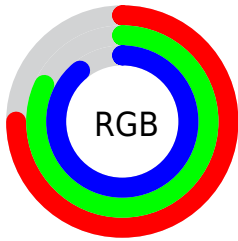
Format	Color
R_{YB}	192, 204, 228
Decimal	12636644
CIE _{Lab}	83.13, -1.87, -11.31
CIE _{LCh}	83, 11.467, 260.614
Yxy	62.4088, 0.2879, 0.3070
Android (android.graphics.Color)	4290826724 (0xFFC0D1E4)
YUV	206.0830, 10.8051, -12.3508
Hunter-Lab	78.9993, -5.9716, -6.5123

Details

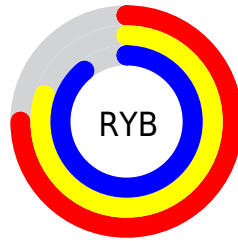
The Decimal color **12636644** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **14996416**, and the grayscale version is **13553358**.

A 20% lighter version of the original color is **16383999**, and **9083821** is the 20% darker color. If you saturate the color by 10%, you get **11126244**, and if you desaturate by 10%, it is **14147044**.

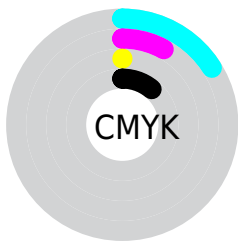
Distribution



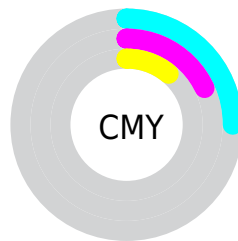
- Red (75%)
- Green (82%)
- Blue (89%)



- Red (75%)
- Yellow (80%)
- Blue (89%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (25%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12636644 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 12636644 by changing the saturation by 10% instead.

■ 12636644

■ 12636644

16777215

■ 10859976

■ 16383999

■ 9083821

■ 7373202

■ 5793912

■ 4214880

■ 2701640

■ 1254193

■ 3613

■ 0

■ 12636644

■ 12636644

■ 11126244

■ 14147044

■ 9615844

■ 15657444

■ 8170980

■ 16774628

■ 6660580

■ 16777188

■ 5150180

■ 3639780

■ 2129380

■ 684516

■ 27876

Harmonies

Analogous

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



12047583



12636644



13487587

Triad

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



12636644



15190216



12833985

Complementary

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



12636644



14996416

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.



13685179



12636644



14994111

Square

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



12636644



14928083



14470586



12178891

Rectangle

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



12636644



14076895



14470586



13095871

Sweetspot

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



12636644



15923455



12641491



7895936



0



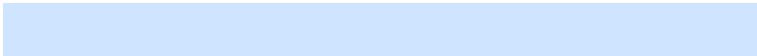
8421504

Same Dimension

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



12636644



13624831



12697828



6778227



21683



6195

Inverse Universe

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



14991569



16764901



14935232



7563117



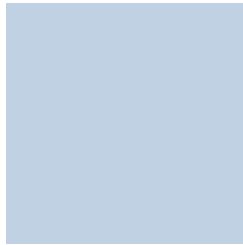
11731028



3342360

Previews

White Background



This preview shows how the Decimal color 12636644 looks on a white background.

Color Contrast Check

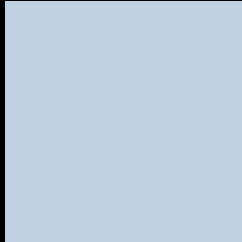
Large Text (above 18pt) WCAG AA × Fail

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 12636644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

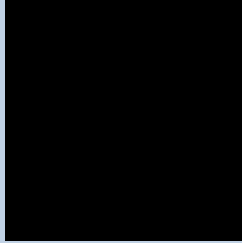
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

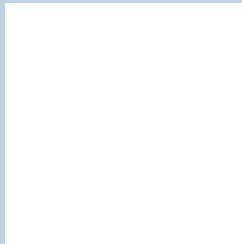
Any Text WCAG AAA ✓ Pass

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

Decimal 12636644 Background



This preview shows how black text looks on a background with the Decimal color 12636644.

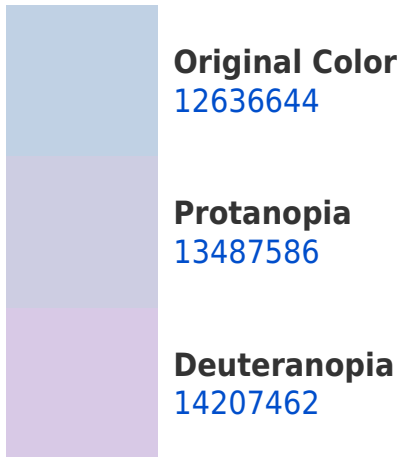


This preview shows how white text looks on a background with the Decimal color 12636644.

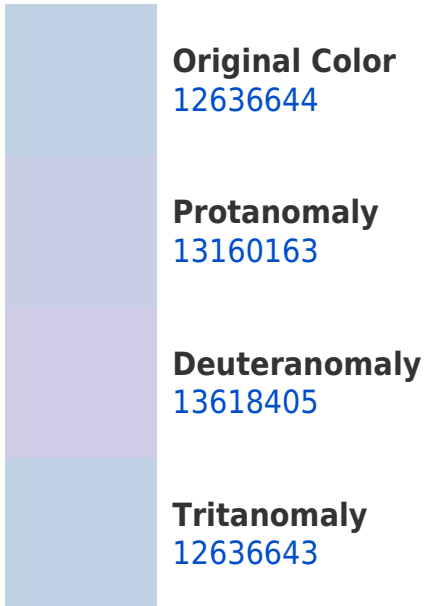
Color Blindness Simulation

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](#).

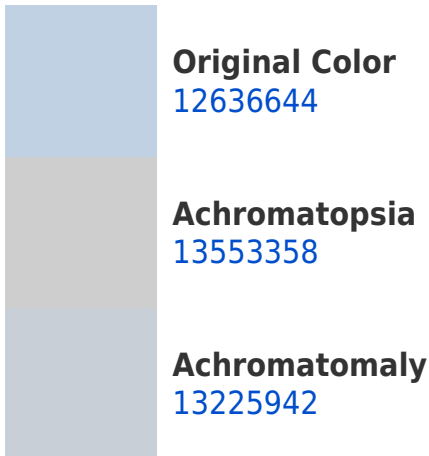
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12636644 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 #C0D1E4 looks like.

```
.text, #text, p{  
    color:#C0D1E4  
}
```

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 #C0D1E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0D1E4
}
```

Border

The CSS property to change the border of an element to Decimal 12636644 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
#C0D1E4 }
```

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

```
.border{ border-color:#C0D1E4 }
```

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

Here you see how a box with a 4 pixel `#C0D1E4` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0D1E4; -webkit-box-shadow:4px 4px  
4px 4px #C0D1E4; box-shadow:4px 4px 4px  
4px #C0D1E4 }
```

Background

The CSS property to change the background color of an element to Decimal 12636644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0D1E4 }
```

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

```
.background{ background-color:#C0D1E4 }
```

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