

Converting Colors

Decimal(14626113)

Have a look what the booklet for
Decimal(14626113) contains.

Decimal(14626113)	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(14626113)

Conversions

Conversions Part 1

Format	Color
Hex	DF2D41
RGB	223, 45, 65
RGB Percent	87%, 18%, 25%
CMY	0.1255, 0.8235, 0.7451
CMYK	0.00, 0.80, 0.71, 0.13
HSL	353°, 74%, 53%
HSV	353°, 80%, 87%
XYZ	32.3239, 17.9464, 6.7614
YIQ	100.5020, 99.6680, 43.9560

Conversions

Conversions Part 2

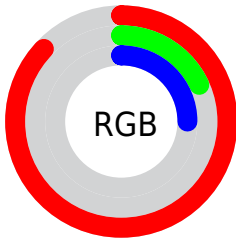
Format	Color
RYB	223, 45, 65
Decimal	14626113
CIELab	49.43, 66.97, 33.61
CIElCh	49, 74.936, 26.651
Yxy	17.9464, 0.5668, 0.3147
Android (android.graphics.Color)	4292816193 (0xFFDF2D41)
YUV	100.5020, -17.5025, 107.4307
Hunter-Lab	42.3632, 62.0634, 20.1913

Details

The Decimal color **14626113** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **3006411**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **16739441**, and **10420247** is the 20% darker color. If you saturate the color by 10%, you get **14620461**, and if you desaturate by 10%, it is **14631765**.

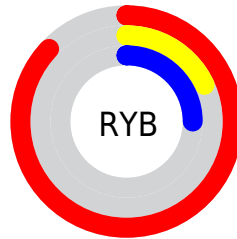
Distribution



Red (87%)

Green (18%)

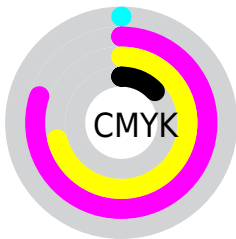
Blue (25%)



Red (87%)

Yellow (18%)

Blue (25%)

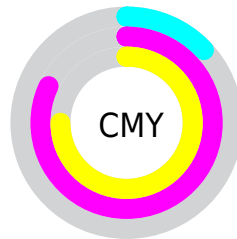


Cyan (0%)

Magenta (80%)

Yellow (71%)

Black (13%)



Cyan (13%)


Magenta (82%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 14626113 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 14626113 by changing the saturation by 10% instead.

 14626113  14626113

16777215  12517419

 16739441  10420247


 16746890  8388608

 16754341  6356993

 16761792  4456451

 16769500  2293761

 16777208  0

 14626113  14626113

 14620461  14631765

■ 14614553

■ 14637673

■ 14643324

■ 14648976

■ 14654884

■ 14660536

■ 14666188

■ 14671839

■ 14677747

Harmonies

Analogous

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



14621568



14626113



12801024

Triad

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



14626113



35879



33014

Complementary

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



14626113



3006411

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.



36064



14626113



36972

Square

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



14626113



5734912



37293



5990633

Rectangle

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



14626113



10905600



37293



34291

Sweetspot

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



14626113



16761545



13250015



8411999



0



8421504

Same Dimension

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



14626113



16714278



14643501



7365990



11534356



3145733

Inverse Universe

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



14626113



16714278



2989023



7365990



11534356



3145733

Previews

White Background



This preview shows how the Decimal color 14626113 looks on a white background.

Color Contrast Check

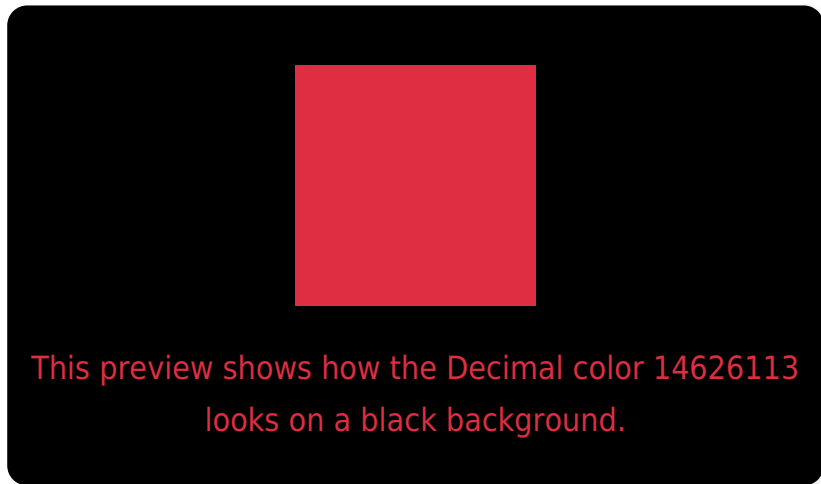
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 14626113 Background



This preview shows how black text looks on a background with the Decimal color 14626113.

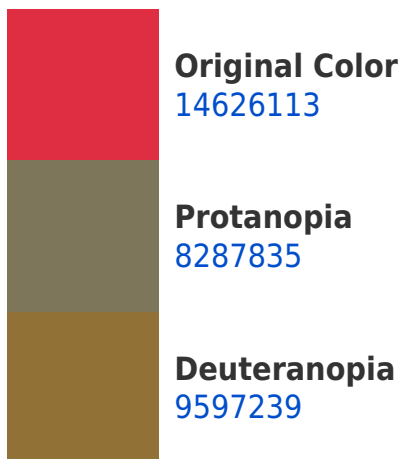


This preview shows how white text looks on a background with the Decimal color 14626113.

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



Original Color
14626113

Protanomaly
10574674

Deuteranomaly
11425851

Tritanomaly
14561079

Monochromacy



Original Color
14626113

Achromatopsia
6645093

Achromatomaly
9523544

CSS Examples

Text

The CSS property to change the color of the text to Decimal 14626113 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 #DF2D41 looks like.

```
.text, #text, p{  
  color:#DF2D41  
}
```

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 #DF2D41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF2D41
}
```

Border

The CSS property to change the border of an element to Decimal 14626113 is called "border". The border property can be set on classes, ids or directly on the HTML element.

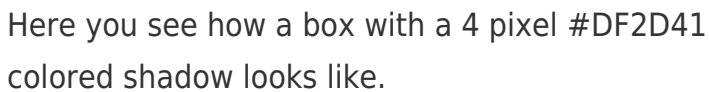
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DF2D41 }
```

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

```
.border{ border-color:#DF2D41 }
```

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



Here you see how a box with a 4 pixel #DF2D41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF2D41; -webkit-box-shadow:4px 4px  
4px 4px #DF2D41; box-shadow:4px 4px 4px  
4px #DF2D41 }
```

Background

The CSS property to change the background color of an element to Decimal 14626113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF2D41 }
```

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

```
.background{ background-color:#DF2D41 }
```

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