

Converting Colors

Decimal(14024763)

Have a look what the booklet for
Decimal(14024763) contains.

Decimal(14024763)	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(14024763)

Conversions

Conversions Part 1

Format	Color
Hex	D6003B
RGB	214, 0, 59
RGB Percent	84%, 0%, 23%
CMY	0.1608, 1.0000, 0.7686
CMYK	0.00, 1.00, 0.72, 0.16
HSL	343°, 100%, 42%
HSV	343°, 100%, 84%
XYZ	28.5210, 14.6119, 5.4548
YIQ	70.7120, 108.6050, 63.7170

Conversions

Conversions Part 2

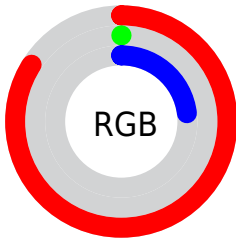
Format	Color
RYB	214, 0, 59
Decimal	14024763
CIELab	45.10, 71.39, 31.61
CIELCh	45, 78.076, 23.885
Yxy	14.6119, 0.5870, 0.3007
Android (android.graphics.Color)	4292214843 (0xFFD6003B)
YUV	70.7120, -5.7740, 125.6636
Hunter-Lab	38.2255, 66.2884, 18.2971

Details

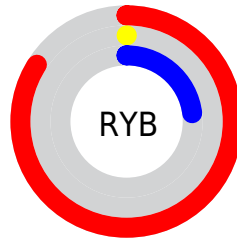
The Decimal color **14024763** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **54939**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **16734314**, and **9830418** is the 20% darker color. If you saturate the color by 10%, you get **14024763**, and if you desaturate by 10%, it is **14030154**.

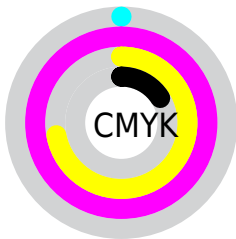
Distribution



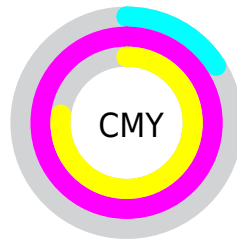
- Red (84%)
- Green (0%)
- Blue (23%)



- Red (84%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (72%)
- Black (16%)



- Cyan (16%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 14024763 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 14024763 by changing the saturation by 10% instead.

 14024763

 14024763

16777215

 11927590

 16734314

 9830418

 16742275

 7798784


 16749725

 5767170

 16757432

 3801090

 16764884

 1114112

 16772592

 0

 14024763

 14030154

 14035802

 14041194

 14046841

 14052233

 14057624

 14063272

 14068663

 14074311

Harmonies

Analogous

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



13828219



14024763



12272384

Triad

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



14024763



32780



30958

Complementary

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



14024763



54939

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.



33748



14024763



33883

Square

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



14024763



5273088



34462



3367140

Rectangle

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



14024763



10443520



34462



31978

Sweetspot

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



14024763



16757704



10027222



8409694



0



8421504

Same Dimension

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



14024763



16711750



14036480



7037027



11206703



2818060

Inverse Universe

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



14024763



16711750



43222



7037027



11206703



2818060

Previews

White Background



This preview shows how the Decimal color 14024763 looks on a white background.

Color Contrast Check

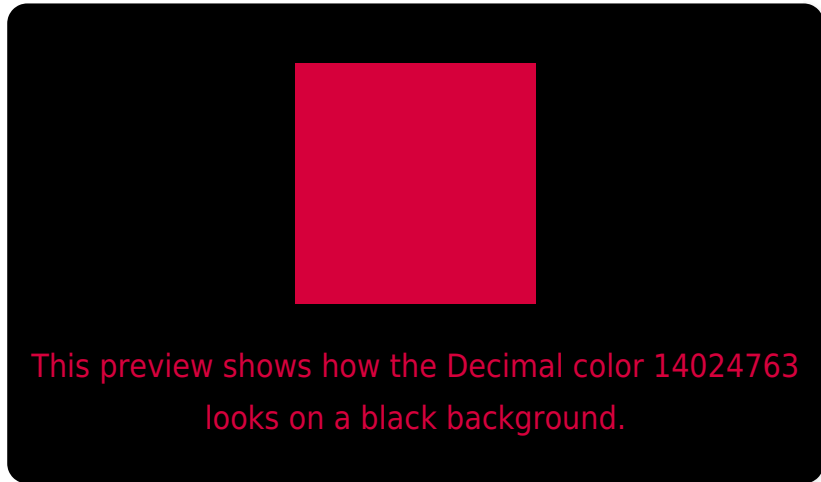
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 14024763 Background



This preview shows how black text looks on a background with the Decimal color 14024763.

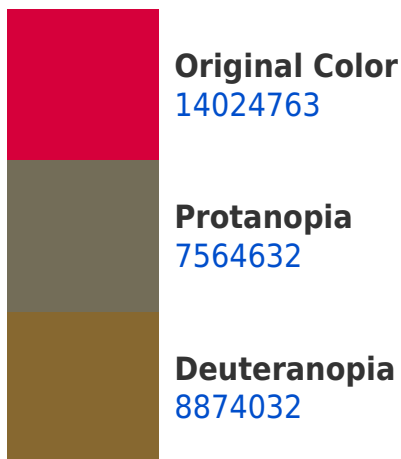



This preview shows how white text looks on a background with the Decimal color 14024763.

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](#).

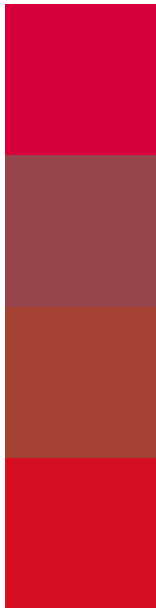
Dichromacy





Tritanopia
13965330

Trichromacy



Original Color
14024763

Protanomaly
9913677

Deuteranomaly
10764852

Tritanomaly
13963041

Monochromacy



Original Color
14024763

Achromatopsia
4671303

Achromatomaly
8072515

CSS Examples

Text

The CSS property to change the color of the text to Decimal 14024763 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 #D6003B looks like.

```
.text, #text, p{  
  color:#D6003B  
}
```

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 #D6003B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6003B
}
```

Border

The CSS property to change the border of an element to Decimal 14024763 is called "border". The border property can be set on classes, ids or directly on the HTML element.

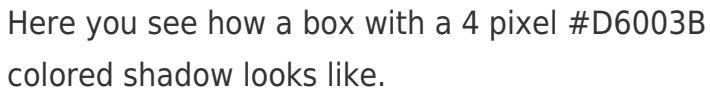
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D6003B }
```

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

```
.border{ border-color:#D6003B }
```

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



Here you see how a box with a 4 pixel #D6003B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6003B; -webkit-box-shadow:4px 4px  
4px 4px #D6003B; box-shadow:4px 4px 4px  
4px #D6003B }
```

Background

The CSS property to change the background color of an element to Decimal 14024763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6003B }
```

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

```
.background{ background-color:#D6003B }
```

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