

# Converting Colors

Decimal(14290721)

Have a look what the booklet for  
Decimal(14290721) contains.

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# Color

**Decimal(14290721)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DA0F21
RGB	218, 15, 33
RGB Percent	85%, 6%, 13%
CMY	0.1451, 0.9412, 0.8706
CMYK	0.00, 0.93, 0.85, 0.15
HSL	355°, 87%, 46%
HSV	355°, 93%, 85%
XYZ	29.3588, 15.3569, 2.8556
YIQ	77.7490, 115.2100, 48.6340

# Conversions

## Conversions Part 2

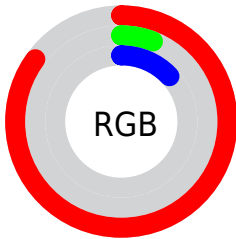
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">218, 15, 33</a>
Decimal	<a href="#">14290721</a>
CIELab	<a href="#">46.12, 70.23, 47.68</a>
CIElCh	<a href="#">46, 84.890, 34.172</a>
Yxy	<a href="#">15.3569, 0.6172, 0.3228</a>
Android (android.graphics.Color)	<a href="#">4292480801</a> ( <a href="#">0xFFDA0F21</a> )
YUV	<a href="#">77.7490, -22.0613, 123.0001</a>
Hunter-Lab	<a href="#">39.1879, 65.1500, 23.1110</a>

# Details

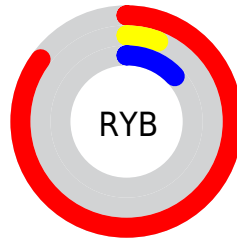
The Decimal color **14290721** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **1039048**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **16735311**, and **10027008** is the 20% darker color. If you saturate the color by 10%, you get **14286867**, and if you desaturate by 10%, it is **14296373**.

# Distribution



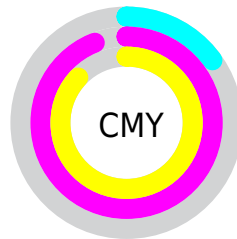
- Red (85%)
- Green (6%)
- Blue (13%)



- Red (85%)
- Yellow (6%)
- Blue (13%)



- Cyan (0%)
- Magenta (93%)
- Yellow (85%)
- Black (15%)

















- Cyan (15%)
- Magenta (94%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14290721 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 14290721 by changing the saturation by 10% instead.



 14290721	 14290721
16777215	 12124170
 16735311	 10027008
 16743016	 7929856
 16750722	 5898242
 16758172	 3932163
 16765879	 1441792
 16773587	 0
 16777199	
 14290721	 14290721

■ 14286867

■ 14296373

■ 14302025

■ 14307421

■ 14313072

■ 14318724

■ 14324376

■ 14330028

■ 14335424

■ 14341076

# Harmonies

## Analogous

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



14942311



14290721



11882496

# Triad

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



14290721



34344



30206

# Complementary

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



14290721



1039048

# 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.



34031



14290721



35190

# Square

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



14290721



2784768



35516



7296229

# Rectangle

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



14290721



9528832



35516



31742



# Sweetspot

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



14290721



16758974



12980186



8410200



0



8421504



# Same Dimension

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



14290721



16711703



14311439



7234404



11337743



3014660



# Inverse Universe

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



14290721



16711703



1018330



7234404



11337743



3014660



# Previews

## White Background



This preview shows how the Decimal color 14290721 looks on a white background.

## Color Contrast Check

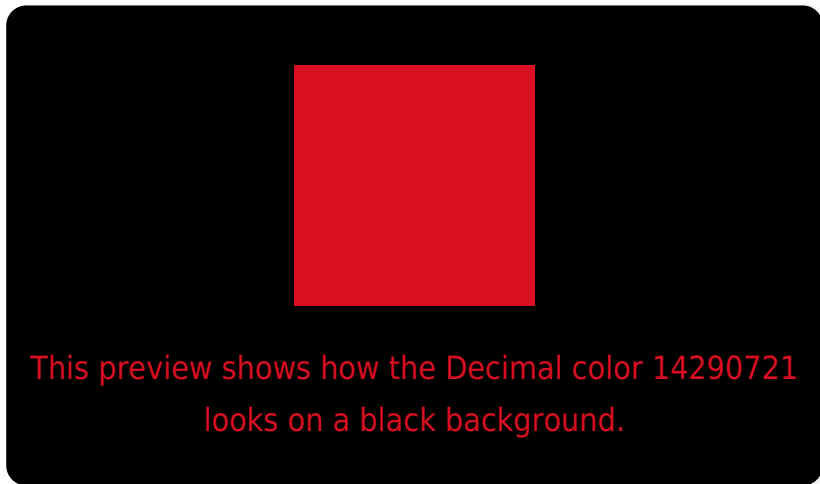
Large Text (above 18pt) WCAG AA ✓ Pass

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 14290721 Background



This preview shows how black text looks on a background with the Decimal color 14290721.



This preview shows how white text looks on a background with the Decimal color 14290721.

# 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**  
14290721

**Protanopia**  
8023862

**Deuteranopia**  
9201920



**Tritanopia**  
14291975

# Trichromacy



**Original Color**  
14290721

**Protanomaly**  
10308654

**Deuteranomaly**  
11028492

**Tritanomaly**  
14291472

# Monochromacy



**Original Color**  
14290721

**Achromatopsia**  
5131854

**Achromatomaly**  
8468286

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14290721 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 #DA0F21 looks like.

```
.text, #text, p{  
    color:#DA0F21  
}
```

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 #DA0F21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA0F21
}
```

## Border

The CSS property to change the border of an element to Decimal 14290721 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
#DA0F21 }
```

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

```
.border{ border-color:#DA0F21 }
```

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

Here you see how a box with a 4 pixel #DA0F21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA0F21; -webkit-box-shadow:4px 4px  
4px 4px #DA0F21; box-shadow:4px 4px 4px  
4px #DA0F21 }
```

# Background

The CSS property to change the background color of an element to Decimal 14290721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA0F21 }
```

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

```
.background{ background-color:#DA0F21 }
```

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](#).



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