

# Converting Colors

Decimal(8519730)

Have a look what the booklet for  
Decimal(8519730) contains.

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**Color**

**Decimal(8519730)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	820032
RGB	130, 0, 50
RGB Percent	51%, 0%, 20%
CMY	0.4902, 1.0000, 0.8039
CMYK	0.00, 1.00, 0.62, 0.49
HSL	337°, 100%, 25%
HSV	337°, 100%, 51%
XYZ	9.7816, 4.9761, 3.4625
YIQ	44.5700, 61.4300, 43.1100

# Conversions

## Conversions Part 2

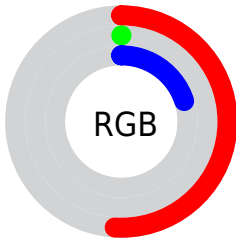
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 0, 50
Decimal	8519730
CIELab	26.67, 50.40, 10.20
CIElCh	27, 51.426, 11.439
Yxy	4.9761, 0.5369, 0.2731
Android (android.graphics.Color)	4286709810 (0xFF820032)
YUV	44.5700, 2.6770, 74.9221
Hunter-Lab	22.3072, 39.2341, 6.4120

# Details

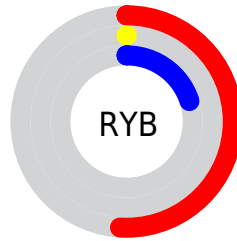
The Decimal color **8519730** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **33360**, and the grayscale version is **2960685**.

A 20% lighter version of the original color is **12338272**, and **4849667** is the 20% darker color. If you saturate the color by 10%, you get **8519730**, and if you desaturate by 10%, it is **8523066**.

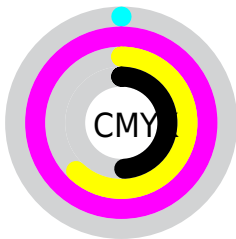
# Distribution



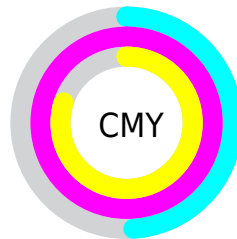
- Red (51%)
- Green (0%)
- Blue (20%)



- Red (51%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8519730 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 8519730 by changing the saturation by 10% instead.



 8519730

 8519730

16777215

 6619165

 12338272

 4849667

 14311289

 3080194

 16349842

 0

 16750253

 16757448

 16764644

 16772095

 8519730

 8523066

 8526402

 8529738

 8533074

 8536410

 8539746

 8543082

 8546418

 8549754

# Harmonies

## Analogous

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



7802713



8519730



7937291

# Triad

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



8519730



870912



19082

# Complementary

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



8519730



33360

# 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.



20339



8519730



20004

# Square

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



8519730



4276736



20302



16269

# Rectangle

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



8519730



7023872



20302



19588



# Sweetspot

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



8519730



11040393



5111938



5518914



13948116



5526612



# Same Dimension

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



8519730



11010113



8523008



4208956



8388657



0



# Inverse Universe

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



8519730



11010113



30082



4208956



8388657

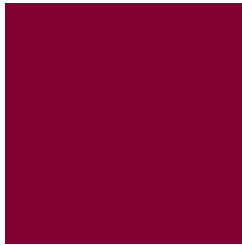


0



# Previews

## White Background



This preview shows how the Decimal color 8519730 looks on a white background.

## Color Contrast Check

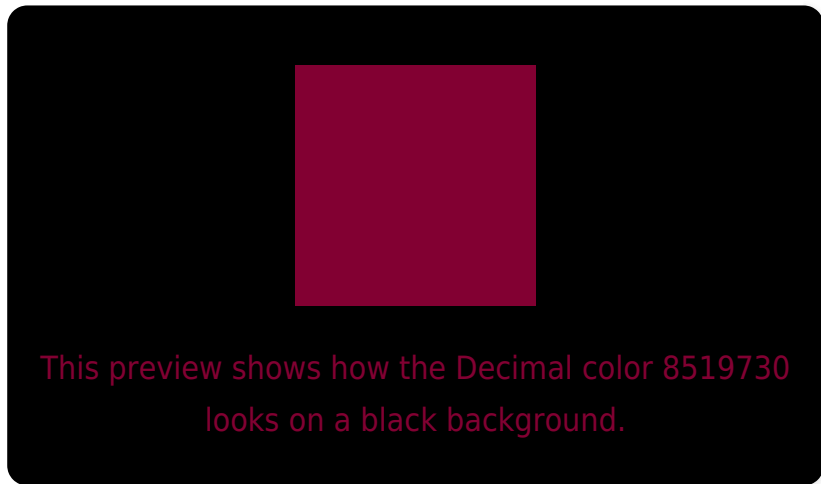
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

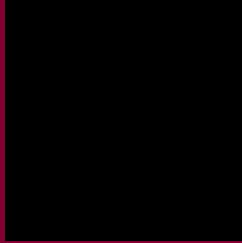
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8519730 Background



This preview shows how black text looks on a background with the Decimal color 8519730.



This preview shows how white text looks on a background with the Decimal color 8519730.

# 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**  
8519730

**Protanopia**  
4342345

**Deuteranopia**  
5259308



# Trichromacy



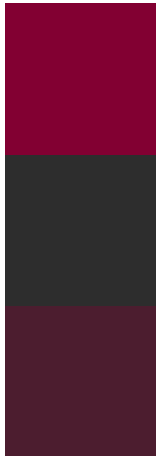
**Original Color**  
8519730

**Protanomaly**  
5843521

**Deuteranomaly**  
6433070

**Tritanomaly**  
8457502

# Monochromacy



**Original Color**  
8519730

**Achromatopsia**  
2960685

**Achromatomaly**  
4988207

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8519730 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 #820032 looks like.

```
.text, #text, p{  
    color:#820032  
}
```

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 #820032 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #820032
}
```

## Border

The CSS property to change the border of an element to Decimal 8519730 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
#820032 }
```

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

```
.border{ border-color:#820032 }
```

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

Here you see how a box with a 4 pixel #820032 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #820032; -webkit-box-shadow:4px 4px  
4px 4px #820032; box-shadow:4px 4px 4px  
4px #820032 }
```

# Background

The CSS property to change the background color of an element to Decimal 8519730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#820032 }
```

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

```
.background{ background-color:#820032 }
```

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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