

# Converting Colors

Decimal(8523064)

Have a look what the booklet for  
Decimal(8523064) contains.

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**Color**

**Decimal(8523064)**

# Conversions

## Conversions Part 1

Format	Color
Hex	820D38
RGB	130, 13, 56
RGB Percent	51%, 5%, 22%
CMY	0.4902, 0.9490, 0.7804
CMYK	0.00, 0.90, 0.57, 0.49
HSL	338°, 82%, 28%
HSV	338°, 90%, 51%
XYZ	10.0637, 5.3192, 4.2377
YIQ	52.8850, 55.9290, 38.1770

# Conversions

## Conversions Part 2

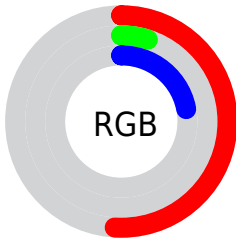
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 13, 56
Decimal	8523064
CIE <sub>Lab</sub>	27.63, 48.50, 7.44
CIE <sub>LCh</sub>	28, 49.069, 8.720
Yxy	5.3192, 0.5129, 0.2711
Android (android.graphics.Color)	4286713144 (0xFF820D38)
YUV	52.8850, 1.5357, 67.6299
Hunter-Lab	23.0634, 37.5271, 5.2504

# Details

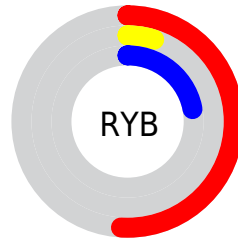
The Decimal color **8523064** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **885335**, and the grayscale version is **3487029**.

A 20% lighter version of the original color is **12339815**, and **4849677** is the 20% darker color. If you saturate the color by 10%, you get **8519728**, and if you desaturate by 10%, it is **8526400**.

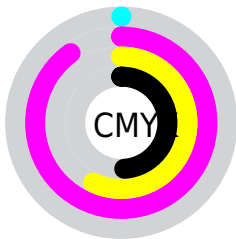
# Distribution



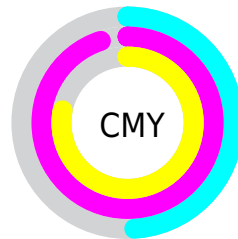
- Red (51%)
- Green (5%)
- Blue (22%)



- Red (51%)
- Yellow (5%)
- Blue (22%)



- Cyan (0%)
- Magenta (90%)
- Yellow (57%)
- Black (49%)



- Cyan (49%)
- Magenta (95%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8523064 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 8523064 by changing the saturation by 10% instead.





8523064



8523064

16777215



6684707



12339815



4849677



14312576



3211266



16285593



0



16751540



16758736



16765932



16773375



8523064



8523064

8519728

8526400

8529736

8533073

8536409

8539745

8543081

8546418

8549754

8553090

# Harmonies

## Analogous

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



7674461



8523064



8069396

# Triad

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



8523064



1788928



19848

# Complementary

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



8523064



885335

# 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.



20848



8523064



20516

# Square

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



8523064



4670208



20812



17293

# Rectangle

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



8523064



7220992



20812



20354



# Sweetspot

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



8523064



11041676



5574018



5519683



13948116



5526612



# Same Dimension

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



8523064



11010110



8526605



4208956



8388655



0



# Inverse Universe

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



8523064



11010110



881794



4208956



8388655

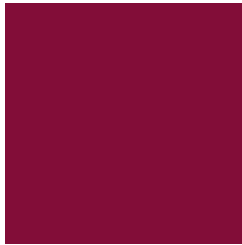


0



# Previews

## White Background



This preview shows how the Decimal color 8523064 looks on a white background.

## Color Contrast Check

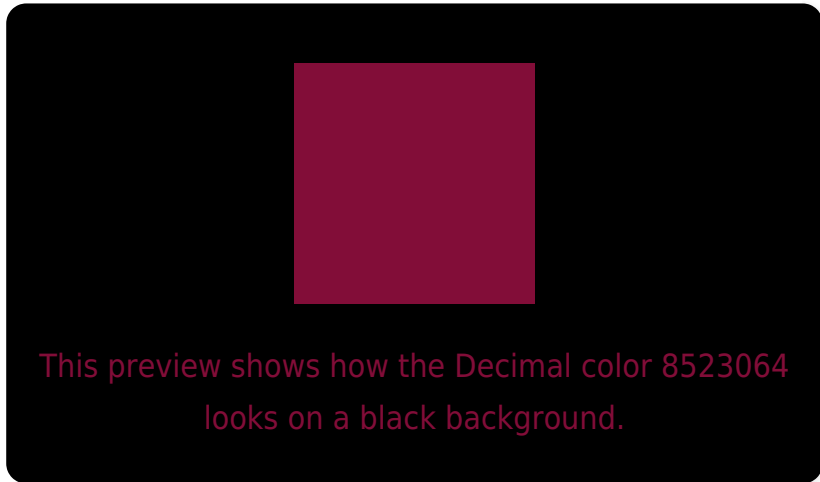
Large Text (above 18pt) WCAG AA ✓ Pass

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 8523064 Background



This preview shows how black text looks on a background with the Decimal color 8523064.

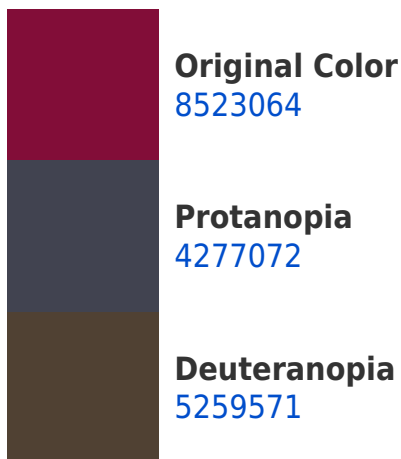


This preview shows how white text looks on a background with the Decimal color 8523064.

# 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**  
8523064

**Protanomaly**  
5844807

**Deuteranomaly**  
6434357

**Tritanomaly**  
8459556

# Monochromacy



**Original Color**  
8523064

**Achromatopsia**  
3487029

**Achromatomaly**  
5318198

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8523064 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 #820D38 looks like.

```
.text, #text, p{  
    color:#820D38  
}
```

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 #820D38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #820D38
}
```

## Border

The CSS property to change the border of an element to Decimal 8523064 is called "border". The border property can be set on classes, ids or directly on the HTML element.

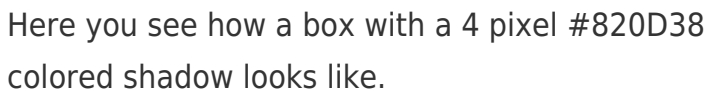
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#820D38 }
```

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

```
.border{ border-color:#820D38 }
```

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



Here you see how a box with a 4 pixel #820D38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #820D38; -webkit-box-shadow:4px 4px  
4px 4px #820D38; box-shadow:4px 4px 4px  
4px #820D38 }
```

# Background

The CSS property to change the background color of an element to Decimal 8523064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#820D38 }
```

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

```
.background{ background-color:#820D38 }
```

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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