

Converting Colors

Decimal(12517427)

Have a look what the booklet for
Decimal(12517427) contains.

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Color

Decimal(12517427)

Conversions

Conversions Part 1

Format	Color
Hex	BF0033
RGB	191, 0, 51
RGB Percent	75%, 0%, 20%
CMY	0.2510, 1.0000, 0.8000
CMYK	0.00, 1.00, 0.73, 0.25
HSL	344°, 100%, 37%
HSV	344°, 100%, 75%
XYZ	22.0834, 11.3154, 4.1521
YIQ	62.9230, 97.4650, 56.3530

Conversions

Conversions Part 2

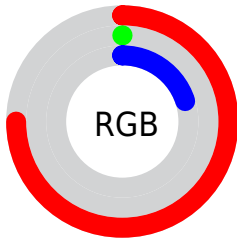
Format	Color
R_YB	191, 0, 51
Decimal	12517427
CIE Lab	40.11, 65.54, 29.42
CIE LCh	40, 71.842, 24.172
Yxy	11.3154, 0.5881, 0.3013
Android (android.graphics.Color)	4290707507 (0xFFBF0033)
YUV	62.9230, -5.8780, 112.3235
Hunter-Lab	33.6383, 58.3172, 16.2284

Details

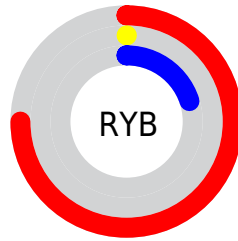
The Decimal color **12517427** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **49036**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **16733025**, and **8454152** is the 20% darker color. If you saturate the color by 10%, you get **12517427**, and if you desaturate by 10%, it is **12522305**.

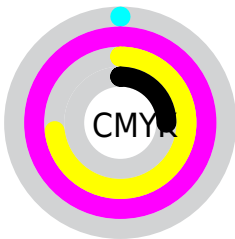
Distribution



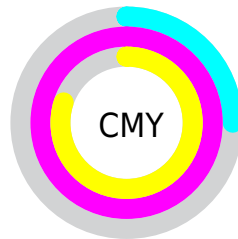
- Red (75%)
- Green (0%)
- Blue (20%)



- Red (75%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (73%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 12517427 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 12517427 by changing the saturation by 10% instead.

 12517427

 12517427

16777215

 10485790

 16733025

 8454152

 16740474

 6422528

 16747924

 4587523

 16755374

 2424833

 16762826

 0

 16770534

 12517427

 12522305

 12527183

 12532061

 12536939

 12542073

 12546951

 12551829

 12556707

 12561585

Harmonies

Analogous

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



12386413



12517427



10959616

Triad

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



12517427



29194



27349

Complementary

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



12517427



49036

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.



29886



12517427



30289

Square

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



12517427



4614400



30605



3036363

Rectangle

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



12517427



9261056



30605



28369

Sweetspot

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



12517427



16231873



8978623



8212572



16579836



8224125

Same Dimension

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



12517427



16187458



12527872



6182231



10354730



2031624

Inverse Universe

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



12517427



16187458



38591



6182231



10354730



2031624

Previews

White Background



This preview shows how the Decimal color 12517427 looks on a white background.

Color Contrast Check

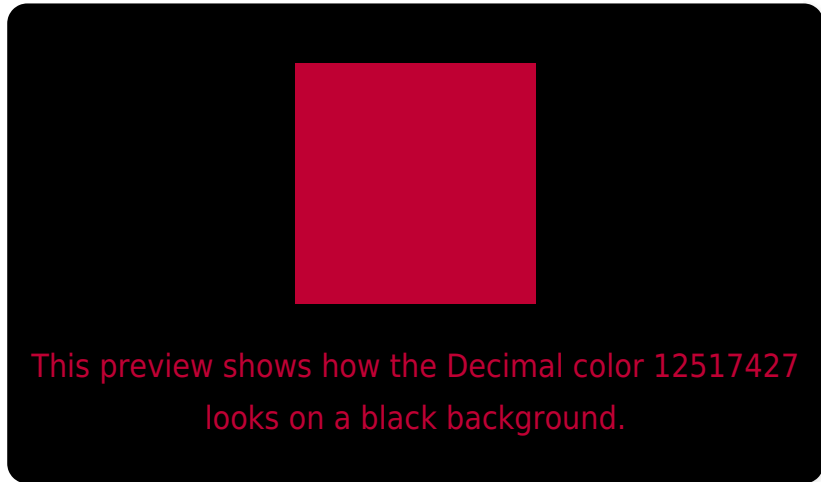
Large Text (above 18pt) WCAG AA ✓ Pass

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 12517427 Background



This preview shows how black text looks on a background with the Decimal color 12517427.

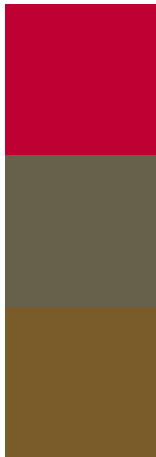


This preview shows how white text looks on a background with the Decimal color 12517427.

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

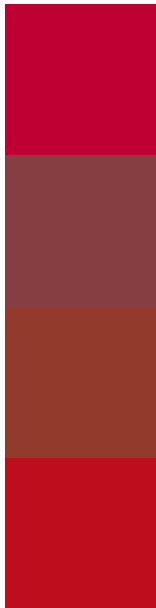


Original Color
12517427

Protanopia
6775116

Deuteranopia
7953449

Trichromacy



Original Color
12517427

Protanomaly
8863299

Deuteranomaly
9583405

Tritanomaly
12455196

Monochromacy



Original Color
12517427

Achromatopsia
4144959

Achromatomaly
7219259

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12517427 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 #BF0033 looks like.

```
.text, #text, p{  
  color:#BF0033  
}
```

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 #BF0033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF0033
}
```

Border

The CSS property to change the border of an element to Decimal 12517427 is called "border". The border property can be set on classes, ids or directly on the HTML element.

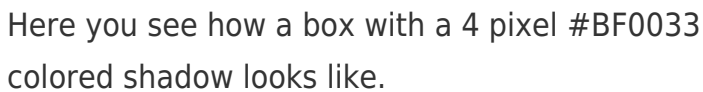
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF0033 }
```

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

```
.border{ border-color:#BF0033 }
```

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



Here you see how a box with a 4 pixel `#BF0033` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF0033; -webkit-box-shadow:4px 4px  
4px 4px #BF0033; box-shadow:4px 4px 4px  
4px #BF0033 }
```

Background

The CSS property to change the background color of an element to Decimal 12517427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF0033 }
```

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

```
.background{ background-color:#BF0033 }
```

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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