

Converting Colors

Decimal(12451904)

Have a look what the booklet for
Decimal(12451904) contains.

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Color

Decimal(12451904)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | BE0040 |
| RGB | 190, 0, 64 |
| RGB Percent | 75%, 0%, 25% |
| CMY | 0.2549, 1.0000, 0.7490 |
| CMYK | 0.00, 1.00, 0.66, 0.25 |
| HSL | 340°, 100%, 37% |
| HSV | 340°, 100%, 75% |
| XYZ | 22.1606, 11.3173, 5.8670 |
| YIQ | 64.1060, 92.6960, 60.1840 |

Conversions

Conversions Part 2

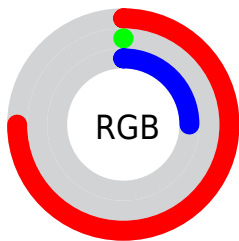
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 190, 0, 64 |
| Decimal | 12451904 |
| CIE Lab | 40.11, 65.89, 21.20 |
| CIE LCh | 40, 69.214, 17.836 |
| Yxy | 11.3173, 0.5632, 0.2876 |
| Android (android.graphics.Color) | 4290641984 (0xFFBE0040) |
| YUV | 64.1060, -0.0523, 110.4090 |
| Hunter-Lab | 33.6412, 58.7119, 13.2088 |

Details

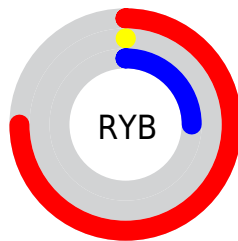
The Decimal color **12451904** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **48766**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **16601967**, and **8388631** is the 20% darker color. If you saturate the color by 10%, you get **12451904**, and if you desaturate by 10%, it is **12456781**.

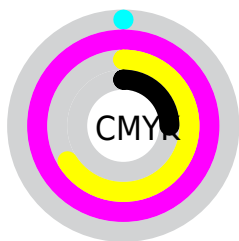
Distribution



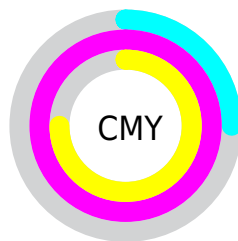
- Red (75%)
- Green (0%)
- Blue (25%)



- Red (75%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12451904 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 12451904 by changing the saturation by 10% instead.

 12451904  12451904

16777215  10420266

 16601967  8388631

 16740745  6422528

 16747939  4587523

 16755390  2424833

 16763097  0

 16770550

 12451904

 12456781

 12461657

 12466534

 12471410

 12476287

 12481164

 12486040

 12490917

 12495793

Harmonies

Analogous

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



11863416



12451904



11286018

Triad

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



12451904



28672



27855

Complementary

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



12451904



48766

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.



29874



12451904



30021

Square

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



12451904



5531136



30336



23244

Rectangle

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



12451904



9784064



30336



28872

Sweetspot

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



12451904



16231878



8126654



8212575



16579836



8224125

Same Dimension

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



12451904



16187475



12459264



6182232



10354741



2031626

Inverse Universe

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



12451904



16187475



41406



6182232



10354741



2031626

Previews

White Background



This preview shows how the Decimal color 12451904 looks on a white background.

Color Contrast Check

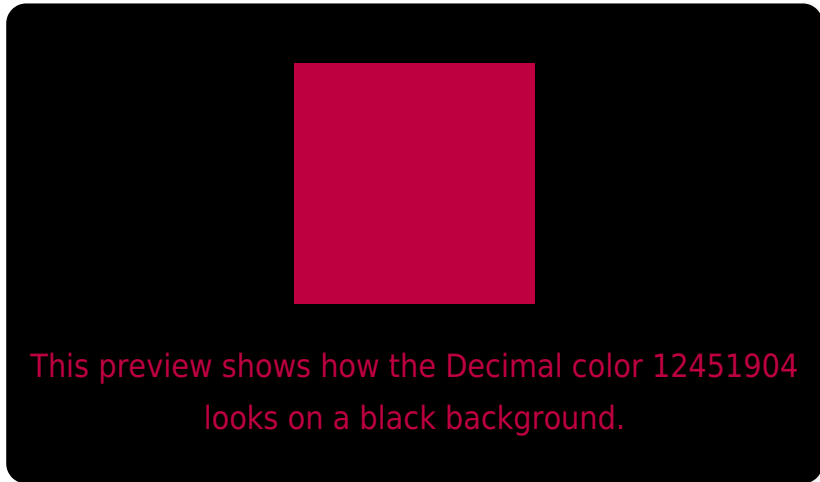
Large Text (above 18pt) WCAG AA ✓ Pass

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 12451904 Background



This preview shows how black text looks on a background with the Decimal color 12451904.

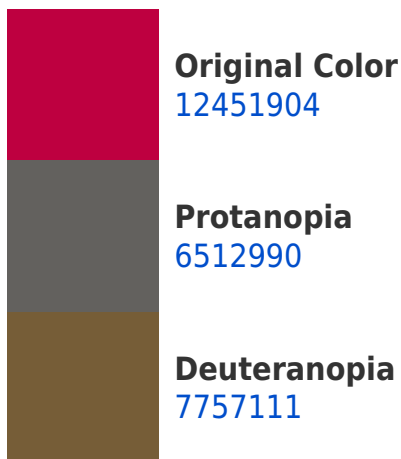


This preview shows how white text looks on a background with the Decimal color 12451904.

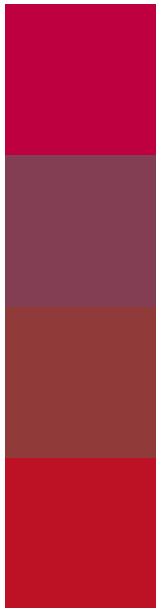
Color Blindness Simulation

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
12451904

Protanomaly
8666707

Deuteranomaly
9452346

Tritanomaly
12390694

Monochromacy



Original Color
12451904

Achromatopsia
4210752

Achromatomaly
7219520

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12451904 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 #BE0040 looks like.

```
.text, #text, p{  
  color:#BE0040  
}
```

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 #BE0040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE0040
}
```

Border

The CSS property to change the border of an element to Decimal 12451904 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
#BE0040 }
```

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

```
.border{ border-color:#BE0040 }
```

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

Here you see how a box with a 4 pixel #BE0040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE0040; -webkit-box-shadow:4px 4px  
4px 4px #BE0040; box-shadow:4px 4px 4px  
4px #BE0040 }
```

Background

The CSS property to change the background color of an element to Decimal 12451904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE0040 }
```

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

```
.background{ background-color:#BE0040 }
```

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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