

Converting Colors

Decimal(12520770)

Have a look what the booklet for
Decimal(12520770) contains.

Decimal(12520770)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12520770)

Conversions

Conversions Part 1

Format	Color
Hex	BF0D42
RGB	191, 13, 66
RGB Percent	75%, 5%, 26%
CMY	0.2510, 0.9490, 0.7412
CMYK	0.00, 0.93, 0.65, 0.25
HSL	342°, 87%, 40%
HSV	342°, 93%, 75%
XYZ	22.6132, 11.7576, 6.2318
YIQ	72.2640, 89.0750, 54.2190

Conversions

Conversions Part 2

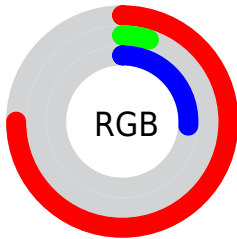
Format	Color
RYB	191, 13, 66
Decimal	12520770
CIELab	40.83, 64.87, 20.90
CIElCh	41, 68.157, 17.861
Yxy	11.7576, 0.5569, 0.2896
Android (android.graphics.Color)	4290710850 (0xFFBF0D42)
YUV	72.2640, -3.0882, 104.1315
Hunter-Lab	34.2893, 57.7111, 13.2270

Details

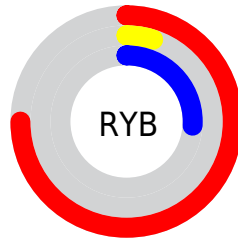
The Decimal color **12520770** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **901002**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **16668530**, and **8454168** is the 20% darker color. If you saturate the color by 10%, you get **12517433**, and if you desaturate by 10%, it is **12525647**.

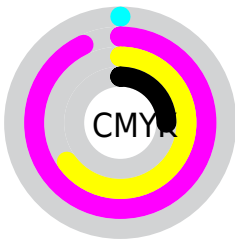
Distribution



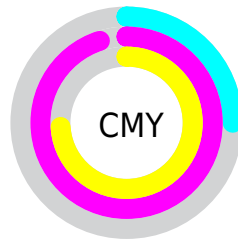
- Red (75%)
- Green (5%)
- Blue (26%)



- Red (75%)
- Yellow (5%)
- Blue (26%)



- Cyan (0%)
- Magenta (93%)
- Yellow (65%)
- Black (25%)



- Cyan (25%)
- Magenta (95%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12520770 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 12520770 by changing the saturation by 10% instead.

 12520770

 12520770

16777215

 10485804

 16668530

 8454168

 16741515

 6488064

 16748965

 4653059

 16756416

 2555905

 16763868

 0

 16771320

 12520770

 12520770

 12517433

 12525647

 12530525

 12535402

 12540280

 12545413

 12550290

 12555168

 12560045

 12564923

Harmonies

Analogous

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



11932025



12520770



11352070

Triad

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



12520770



29184



28367

Complementary

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



12520770



901002

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.



30387



12520770



30279

Square

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



12520770



5728256



30849



23756

Rectangle

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



12520770



9850112



30849



29129

Sweetspot

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



12520770



16233159



9047487



8213087



16579836



8224125

Same Dimension

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



12520770



16187466



12529933



6182232



10354735



2031625

Inverse Universe

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



12520770



16187466



891839



6182232



10354735



2031625

Previews

White Background



This preview shows how the Decimal color 12520770 looks on a white background.

Color Contrast Check

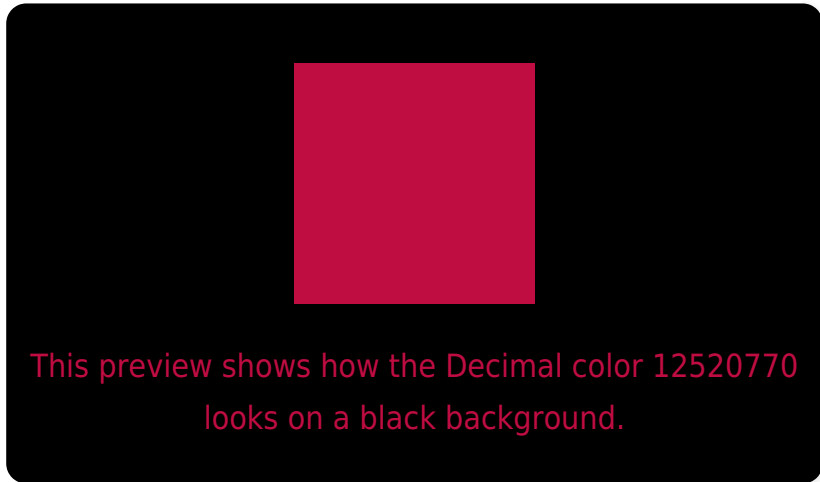
Large Text (above 18pt) WCAG AA ✓ Pass

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 12520770 Background



This preview shows how black text looks on a background with the Decimal color 12520770.

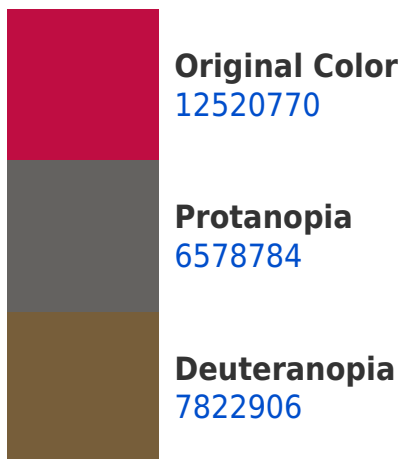


This preview shows how white text looks on a background with the Decimal color 12520770.

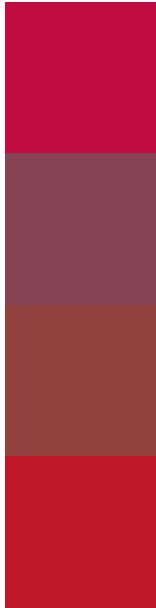
Color Blindness Simulation

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



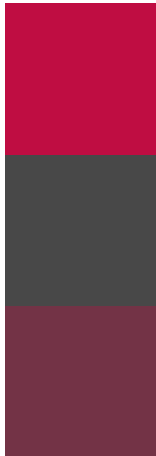
Original Color
12520770

Protanomaly
8733525

Deuteranomaly
9519421

Tritanomaly
12457769

Monochromacy



Original Color
12520770

Achromatopsia
4737096

Achromatomaly
7549766

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12520770 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 #BF0D42 looks like.

```
.text, #text, p{  
  color:#BF0D42  
}
```

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 #BF0D42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF0D42
}
```

Border

The CSS property to change the border of an element to Decimal 12520770 is called "border". The border property can be set on classes, ids or directly on the HTML element.

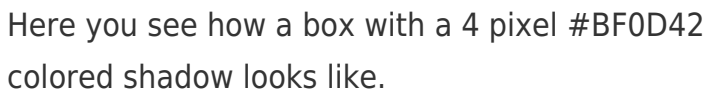
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF0D42 }
```

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

```
.border{ border-color:#BF0D42 }
```

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



Here you see how a box with a 4 pixel #BF0D42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF0D42; -webkit-box-shadow:4px 4px  
4px 4px #BF0D42; box-shadow:4px 4px 4px  
4px #BF0D42 }
```

Background

The CSS property to change the background color of an element to Decimal 12520770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF0D42 }
```

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

```
.background{ background-color:#BF0D42 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor