

Converting Colors

Decimal(121)

Have a look what the booklet for
Decimal(121) contains.

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Color

Decimal(121)

Conversions

Conversions Part 1

Format	Color
Hex	000079
RGB	0, 0, 121
RGB Percent	0%, 0%, 47%
CMY	1.0000, 1.0000, 0.5255
CMYK	1.00, 1.00, 0.00, 0.53
HSL	240°, 100%, 24%
HSV	240°, 100%, 47%
XYZ	3.4512, 1.3805, 18.1737
YIQ	13.7940, -38.8410, 37.6310

Conversions

Conversions Part 2

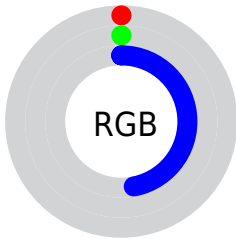
Format	Color
RYB	0, 0, 121
Decimal	121
CIELab	11.83, 45.63, -62.14
CIELCh	12, 77.091, 306.287
Yxy	1.3805, 0.1500, 0.0600
Android (android.graphics.Color)	4278190201 (0xFF000079)
YUV	13.7940, 52.8526, -12.0973
Hunter-Lab	11.7494, 31.8702, -83.4842

Details

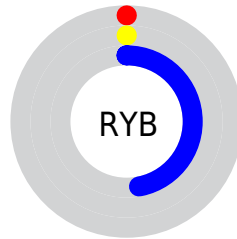
The Decimal color **121** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **7960832**, and the grayscale version is **855309**.

A 20% lighter version of the original color is **5255599**, and **71** is the 20% darker color. If you saturate the color by 10%, you get **121**, and if you desaturate by 10%, it is **789625**.

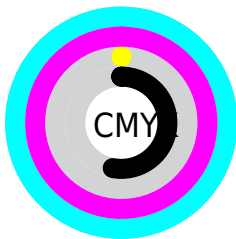
Distribution



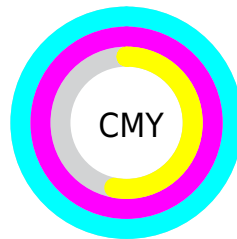
- Red (0%)
- Green (0%)
- Blue (47%)



- Red (0%)
- Yellow (0%)
- Blue (47%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 121 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 121 by changing the saturation by 10% instead.

 121

 121

 16771839

 95

 5255599

 71

 7162315

 1071

 9069287

 282

 10976511

 0

 12883711

 14856959

 16764415

 121

■ 789625

■ 1579129

■ 2368633

■ 3158137

■ 3947641

■ 4802937

■ 5592441

■ 6381945

■ 7171449

Harmonies

Analogous

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



10383



121



6291531

Triad

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



121



4653568



11818

Complementary

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



121



7960832

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.



11520



121



1974784

Square

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



121



6553600



11008



12639

Rectangle

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



121



7209001



11008



11543

Sweetspot

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



121



7303070



31097



3355471



13619151



5197647

Same Dimension

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



121



158



3932281



3618621



125



252

Inverse Universe

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



7929977



10354846



3963136



4011837



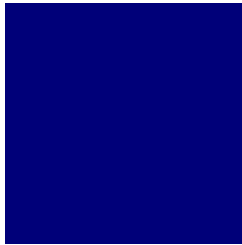
8192125



16515324

Previews

White Background



This preview shows how the Decimal color 121 looks on a white background.

Color Contrast Check

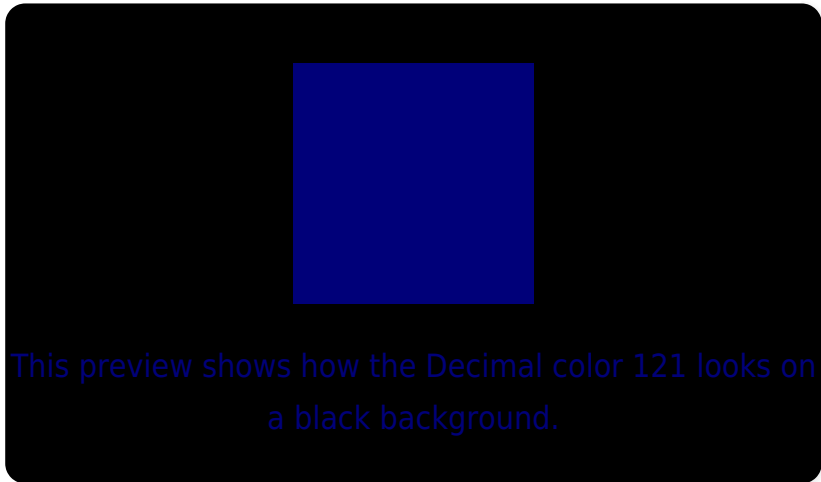
Large Text (above 18pt) WCAG AA ✓ Pass

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

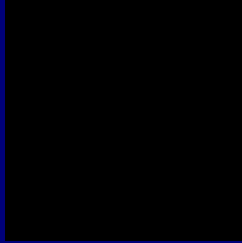
Any Text WCAG AA × Fail

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 121 Background



This preview shows how black text looks on a background with the Decimal color 121.



This preview shows how white text looks on a background with the Decimal color 121.

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
121

Protanomaly
5723

Deuteranomaly
6228

Tritanomaly
6727

Monochromacy



Original Color
121

Achromatopsia
921102

Achromatomaly
592181

CSS Examples

Text

The CSS property to change the color of the text to Decimal 121 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 #000079 looks like.

```
.text, #text, p{  
    color:#000079  
}
```

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 #000079 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000079
}
```

Border

The CSS property to change the border of an element to Decimal 121 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
#000079 }
```

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

```
.border{ border-color:#000079 }
```

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

Here you see how a box with a 4 pixel #000079 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000079; -webkit-box-shadow:4px 4px  
4px 4px #000079; box-shadow:4px 4px 4px  
4px #000079 }
```

Background

The CSS property to change the background color of an element to Decimal 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000079 }
```

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

```
.background{ background-color:#000079 }
```

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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