

Converting Colors

Decimal(165120)

Have a look what the booklet for
Decimal(165120) contains.

Decimal(165120)	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(165120)

Conversions

Conversions Part 1

Format	Color
Hex	028500
RGB	2, 133, 0
RGB Percent	1%, 52%, 0%
CMY	0.9922, 0.4784, 1.0000
CMYK	0.98, 0.00, 1.00, 0.48
HSL	119°, 100%, 26%
HSV	119°, 100%, 52%
XYZ	8.4126, 16.7880, 2.7970
YIQ	78.6690, -35.3830, -69.1350

Conversions

Conversions Part 2

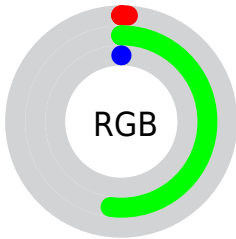
Format	Color
RYB	0, 133, 131
Decimal	165120
CIELab	47.99, -53.00, 51.32
CIELCh	48, 73.774, 135.924
Yxy	16.7880, 0.3005, 0.5996
Android (android.graphics.Color)	4278355200 (0xFF028500)
YUV	78.6690, -38.7838, -67.2387
Hunter-Lab	40.9731, -35.0535, 24.6338

Details

The Decimal color **165120** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8585349**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **5552961**, and **20992** is the 20% darker color. If you saturate the color by 10%, you get **165120**, and if you desaturate by 10%, it is **1017101**.

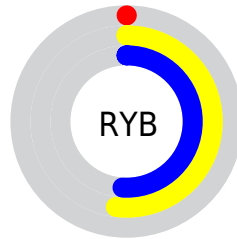
Distribution



Red (1%)

Green (52%)

Blue (0%)



Red (0%)

Yellow (52%)

Blue (51%)

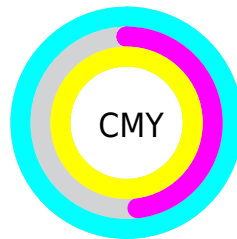


Cyan (98%)

Magenta (0%)

Yellow (100%)

Black (48%)



Cyan (99%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 165120 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 165120 by changing the saturation by 10% instead.

 165120  165120

16777215  27392


 5552961  20992

 7460955  14592

 9368694  8960

 11272081  0

 13238188

 15138761

 16777189

 165120

 1017101

 1869083

 2721064

 3573045

 4490563

 5342544

 6194525

 7046506

 7898488

Harmonies

Analogous

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



7108864



165120



35665

Triad

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



165120



33516



14490708

Complementary

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



165120



8585349

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.



13640850



165120



28395

Square

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



165120



35531



10243786



13255701

Rectangle

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



165120



35965



10243786



14423400

Sweetspot

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



165120



8039801



8749824



3692343



14079702



5723991

Same Dimension

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



165120



240896



34112



3949116



164352



768

Inverse Universe

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



8585349



11206829



8716357



4340802



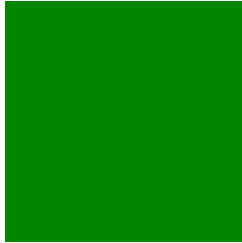
8388738



196611

Previews

White Background



This preview shows how the Decimal color 165120 looks on a white background.

Color Contrast Check

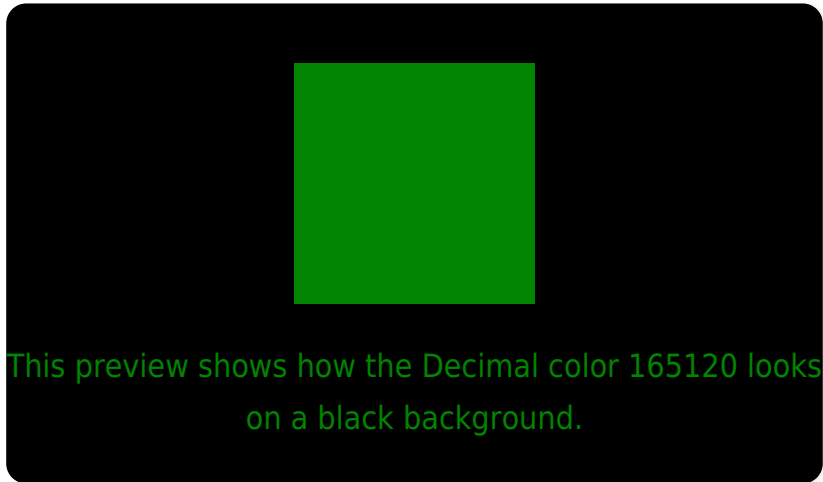
Large Text (above 18pt) WCAG AA ✓ Pass

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 165120 Background



This preview shows how black text looks on a background with the Decimal color 165120.



This preview shows how white text looks on a background with the Decimal color 165120.

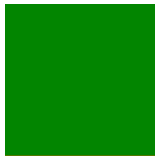
Color Blindness Simulation

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
165120



Protanomaly
5404928



Deuteranomaly
6059282



Tritanomaly
2391893

Monochromacy



Original Color
165120



Achromatopsia
5197647



Achromatomaly
3367730

CSS Examples

Text

The CSS property to change the color of the text to Decimal 165120 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 #028500 looks like.

```
.text, #text, p{  
    color:#028500  
}
```

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 #028500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #028500
}
```

Border

The CSS property to change the border of an element to Decimal 165120 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".

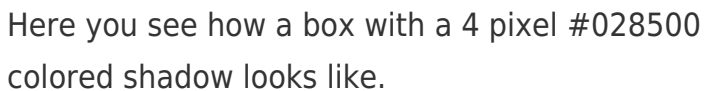
```
.border, #border, table{ border:4px solid
#028500 }
```

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

```
.border{ border-color:#028500 }
```

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

Here you see how a box with a 4 pixel #028500 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #028500; -webkit-box-shadow:4px 4px  
4px 4px #028500; box-shadow:4px 4px 4px  
4px #028500 }
```

Background

The CSS property to change the background color of an element to Decimal 165120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#028500 }
```

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

```
.background{ background-color:#028500 }
```

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