

Converting Colors

Decimal(41510)

Have a look what the booklet for
Decimal(41510) contains.

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Color

Decimal(41510)

Conversions

Conversions Part 1

Format	Color
Hex	00A226
RGB	0, 162, 38
RGB Percent	0%, 64%, 15%
CMY	1.0000, 0.3647, 0.8510
CMYK	1.00, 0.00, 0.77, 0.36
HSL	134°, 100%, 32%
HSV	134°, 100%, 64%
XYZ	13.2702, 25.9806, 6.1491
YIQ	99.4260, -56.7480, -72.9080

Conversions

Conversions Part 2

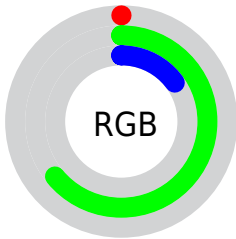
Format	Color
RYB	0, 131, 162
Decimal	41510
CIELab	58.02, -59.66, 50.89
CIELCh	58, 78.412, 139.537
Yxy	25.9806, 0.2923, 0.5723
Android (android.graphics.Color)	4278231590 (0xFF00A226)
YUV	99.4260, -30.2830, -87.1966
Hunter-Lab	50.9712, -42.7276, 28.5272

Details

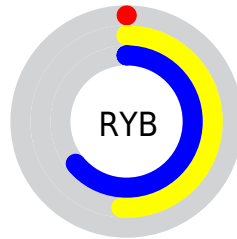
The Decimal color **41510** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **10616956**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **6019676**, and **27904** is the 20% darker color. If you saturate the color by 10%, you get **41510**, and if you desaturate by 10%, it is **1090098**.

Distribution



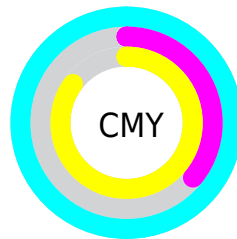
- Red (0%)
- Green (64%)
- Blue (15%)



- Red (0%)
- Yellow (51%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (77%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 41510 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 41510 by changing the saturation by 10% instead.


 41510  41510

16777215  34561

 6019676  27904

 8058742  21248

 10026898  15104

 11993005  8960

 13959113  0

 15925222

 41510

 1090098

 2138687

 3252811

 4301400

 5349988

 6398576

 7447165

 8561289

 9609878

Harmonies

Analogous

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



8295936



41510



43120

Triad

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



41510



39935



16727394

Complementary

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



41510



10616956

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.



16268455



41510



4556031

Square

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



41510



42739



12870118



15360031

Rectangle

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



41510



43424



12870118



16725625

Sweetspot

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



41510



9753763



8167936



4549454



15461355



7039851

Same Dimension

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



41510



54322



41591



4805195



37154



4612

Inverse Universe

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



10616956



13893794



10616875



5392720



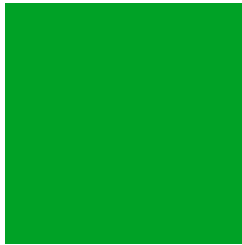
9502831



1179662

Previews

White Background



This preview shows how the Decimal color 41510 looks on a white background.

Color Contrast Check

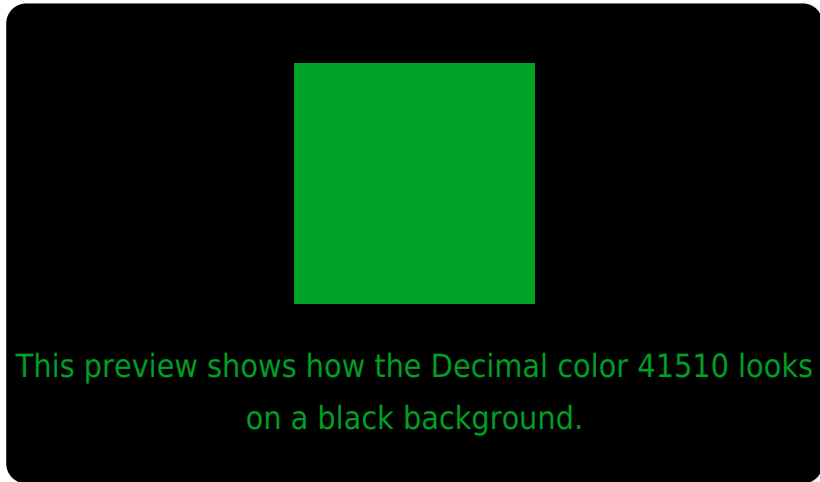
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 41510 Background



This preview shows how black text looks on a background with the Decimal color 41510.



This preview shows how white text looks on a background with the Decimal color 41510.

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
41510

Protanopia
10259232

Deuteranopia
11371571



Tritanopia
4429731

Trichromacy



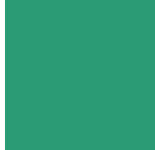
Original Color
41510



Protanomaly
6525730



Deuteranomaly
7245614



Tritanomaly
2857846

Monochromacy



Original Color
41510



Achromatopsia
6513507



Achromatomaly
4160077

CSS Examples

Text

The CSS property to change the color of the text to Decimal 41510 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 #00A226 looks like.

```
.text, #text, p{  
    color:#00A226  
}
```

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 #00A226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A226
}
```

Border

The CSS property to change the border of an element to Decimal 41510 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".

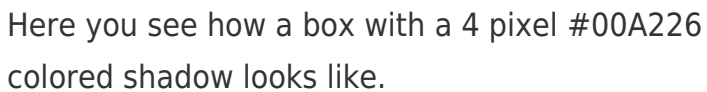
```
.border, #border, table{ border:4px solid
#00A226 }
```

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

```
.border{ border-color:#00A226 }
```

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

Here you see how a box with a 4 pixel #00A226 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #00A226 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A226; -webkit-box-shadow:4px 4px  
4px 4px #00A226; box-shadow:4px 4px 4px  
4px #00A226 }
```

Background

The CSS property to change the background color of an element to Decimal 41510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A226 }
```

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

```
.background{ background-color:#00A226 }
```

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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