

Converting Colors

Decimal(41526)

Have a look what the booklet for
Decimal(41526) contains.

Decimal(41526)	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(41526)

Conversions

Conversions Part 1

Format	Color
Hex	00A236
RGB	0, 162, 54
RGB Percent	0%, 64%, 21%
CMY	1.0000, 0.3647, 0.7882
CMYK	1.00, 0.00, 0.67, 0.36
HSL	140°, 100%, 32%
HSV	140°, 100%, 64%
XYZ	13.5862, 26.1070, 7.8131
YIQ	101.2500, -61.8840, -67.9320

Conversions

Conversions Part 2

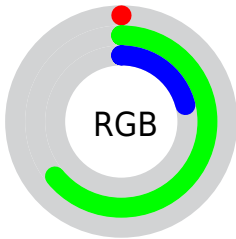
Format	Color
RYB	0, 122, 162
Decimal	41526
CIELab	58.14, -58.13, 44.72
CIELCh	58, 73.340, 142.432
Yxy	26.1070, 0.2860, 0.5495
Android (android.graphics.Color)	4278231606 (0xFF00A236)
YUV	101.2500, -23.2942, -88.7963
Hunter-Lab	51.0950, -41.9530, 26.7003

Details

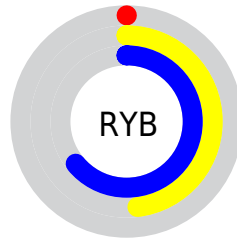
The Decimal color **41526** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **10616940**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **5954153**, and **27904** is the 20% darker color. If you saturate the color by 10%, you get **41526**, and if you desaturate by 10%, it is **1090113**.

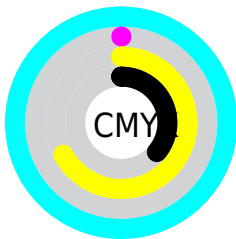
Distribution



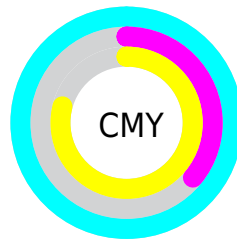
- Red (0%)
- Green (64%)
- Blue (21%)



- Red (0%)
- Yellow (48%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (67%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 41526 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 41526 by changing the saturation by 10% instead.

 41526  41526


16777215  34587

 5954153  27904

 7993220  21248

 9961375  15104

 11927483  8960

 13893591  0

 15859700

 41526

 1090113

■ 2138700

■ 3252822

■ 4301409

■ 5349996

■ 6398583

■ 7447170

■ 8561292

■ 9609879

Harmonies

Analogous

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



8034048



41526



42873

Triad

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



41526



39167



16468319

Complementary

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



41526



10616940

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.



16074143



41526



6521599

Square

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



41526



42225



13132507



14903074

Rectangle

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



41526



43174



13132507



16597876

Sweetspot

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



41526



9753769



7119360



4549457



15461355



7039851

Same Dimension

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



41526



54343



41607



4805196



37168



4614

Inverse Universe

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



10616940



13893773



10616859



5392719



9502817



1179660

Previews

White Background



This preview shows how the Decimal color 41526 looks on a white background.

Color Contrast Check

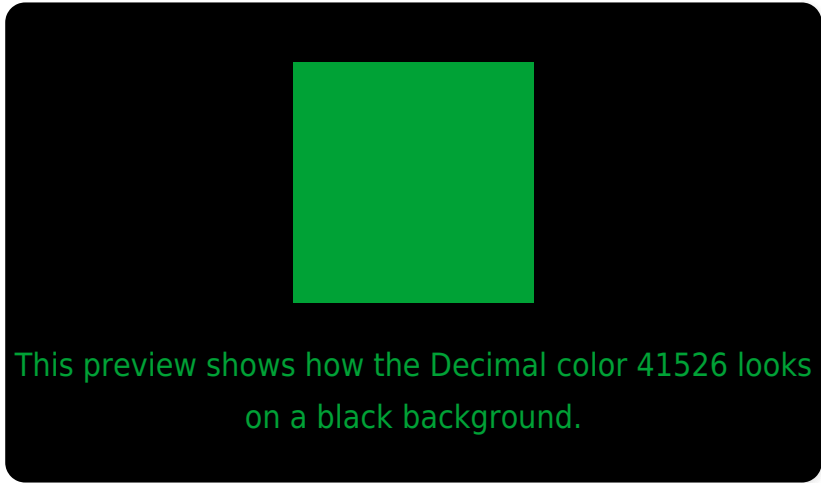
Large Text (above 18pt) WCAG AA ✓ Pass

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 41526 Background



This preview shows how black text looks on a background with the Decimal color 41526.

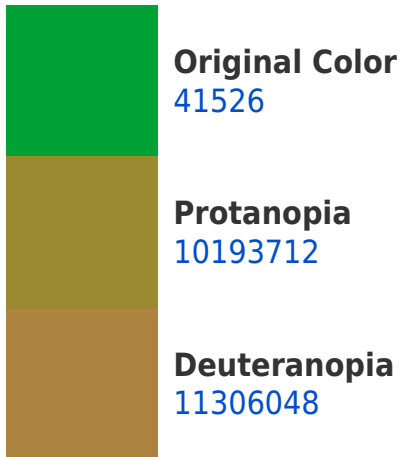



This preview shows how white text looks on a background with the Decimal color 41526.

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





Tritanopia
4364196

Trichromacy



Original Color
41526



Protanomaly
6525746



Deuteranomaly
7180092



Tritanomaly
2792316

Monochromacy



Original Color
41526



Achromatopsia
6645093



Achromatomaly
4225876

CSS Examples

Text

The CSS property to change the color of the text to Decimal 41526 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 #00A236 looks like.

```
.text, #text, p{  
  color:#00A236  
}
```

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 #00A236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A236
}
```

Border

The CSS property to change the border of an element to Decimal 41526 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
#00A236 }
```

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

```
.border{ border-color:#00A236 }
```

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

Here you see how a box with a 4 pixel #00A236 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A236; -webkit-box-shadow:4px 4px  
4px 4px #00A236; box-shadow:4px 4px 4px  
4px #00A236 }
```

Background

The CSS property to change the background color of an element to Decimal 41526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A236 }
```

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

```
.background{ background-color:#00A236 }
```

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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