

Converting Colors

Decimal(41772)

Have a look what the booklet for
Decimal(41772) contains.

| | |
|--|----|
| Decimal(41772) | 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(41772)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00A32C |
| RGB | 0, 163, 44 |
| RGB Percent | 0%, 64%, 17% |
| CMY | 1.0000, 0.3608, 0.8275 |
| CMYK | 1.00, 0.00, 0.73, 0.36 |
| HSL | 136°, 100%, 32% |
| HSV | 136°, 100%, 64% |
| XYZ | 13.5518, 26.3762, 6.7597 |
| YIQ | 100.6970, -58.9490, -71.5650 |

Conversions

Conversions Part 2

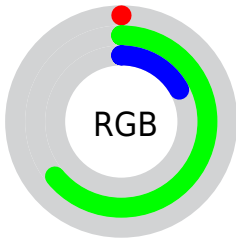
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 128, 163 |
| Decimal | 41772 |
| CIELab | 58.39, -59.45, 49.07 |
| CIELCh | 58, 77.083, 140.463 |
| Yxy | 26.3762, 0.2903, 0.5649 |
| Android (android.graphics.Color) | 4278231852 (0xFF00A32C) |
| YUV | 100.6970, -27.9516, -88.3113 |
| Hunter-Lab | 51.3578, -42.7752, 28.1467 |

Details

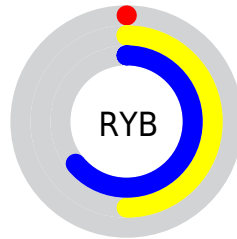
The Decimal color **41772** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **10682487**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **6019937**, and **27904** is the 20% darker color. If you saturate the color by 10%, you get **41772**, and if you desaturate by 10%, it is **1090360**.

Distribution



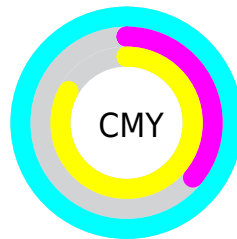
- Red (0%)
- Green (64%)
- Blue (17%)



- Red (0%)
- Yellow (50%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 41772 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 41772 by changing the saturation by 10% instead.


 41772  41772

16777215  34828

 6019937  27904

 8059003  21504

 10026902  15104

 11993010  9216

 13959118  0

 15925227

 41772

 1090360

 2204484

 3253072

 4301660

 5415784

 6464371

 7512959

 8561547

 9675671

Harmonies

Analogous

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



8296192



41772



43380

Triad

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



41772



39935



16728674

Complementary

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



41772



10682487

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.



16269477



41772



5342463

Square

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



41772



42996



13066979



15295264

Rectangle

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



41772



43683



13066979



16726904

Sweetspot

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



41772



9753765



7906048



4549455



15461355



7039851

Same Dimension

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



41772



54329



41853



4805196



37159



4613

Inverse Universe

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



10682487



13893787



10682406



5392719



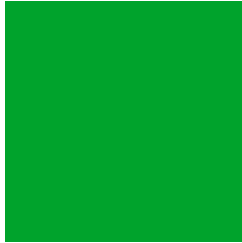
9502826



1179661

Previews

White Background



This preview shows how the Decimal color 41772 looks on a white background.

Color Contrast Check

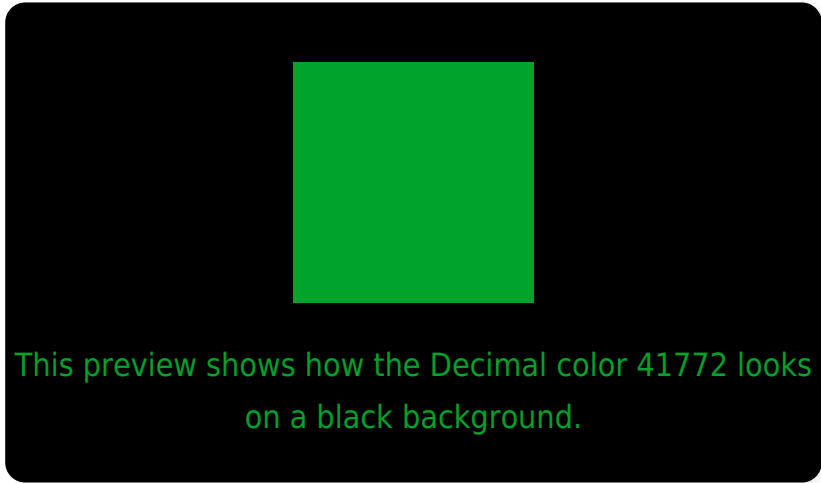
Large Text (above 18pt) WCAG AA ✓ Pass

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 41772 Background



This preview shows how black text looks on a background with the Decimal color 41772.



This preview shows how white text looks on a background with the Decimal color 41772.

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
41772

Protanopia
10325030

Deuteranopia
11437368



Tritanopia
4429988

Trichromacy



Original Color

41772



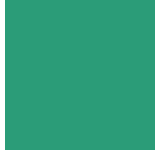
Protanomaly

6591528



Deuteranomaly

7311412



Tritanomaly

2858104

Monochromacy



Original Color

41772



Achromatopsia

6645093



Achromatomaly

4226128

CSS Examples

Text

The CSS property to change the color of the text to Decimal 41772 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 #00A32C looks like.

```
.text, #text, p{  
    color:#00A32C  
}
```

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 #00A32C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A32C
}
```

Border

The CSS property to change the border of an element to Decimal 41772 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".

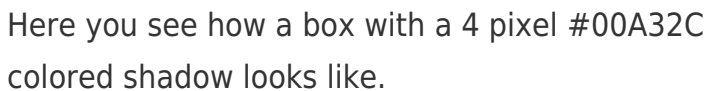
```
.border, #border, table{ border:4px solid
#00A32C }
```

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

```
.border{ border-color:#00A32C }
```

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

Here you see how a box with a 4 pixel #00A32C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A32C; -webkit-box-shadow:4px 4px  
4px 4px #00A32C; box-shadow:4px 4px 4px  
4px #00A32C }
```

Background

The CSS property to change the background color of an element to Decimal 41772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A32C }
```

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

```
.background{ background-color:#00A32C }
```

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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