

Converting Colors

Decimal(21008)

Have a look what the booklet for
Decimal(21008) contains.

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Color

Decimal(21008)

Conversions

Conversions Part 1

Format	Color
Hex	005210
RGB	0, 82, 16
RGB Percent	0%, 32%, 6%
CMY	1.0000, 0.6784, 0.9373
CMYK	1.00, 0.00, 0.80, 0.68
HSL	132°, 100%, 16%
HSV	132°, 100%, 32%
XYZ	3.1108, 6.0720, 1.4983
YIQ	49.9580, -27.6860, -37.9100

Conversions

Conversions Part 2

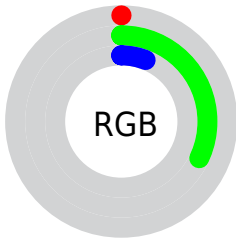
Format	Color
RYB	0, 69, 82
Decimal	21008
CIELab	29.59, -36.59, 30.68
CIELCh	30, 47.749, 140.015
Yxy	6.0720, 0.2912, 0.5685
Android (android.graphics.Color)	4278211088 (0xFF005210)
YUV	49.9580, -16.7413, -43.8132
Hunter-Lab	24.6414, -20.5880, 13.6440

Details

The Decimal color **21008** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5374018**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **4228159**, and **9728** is the 20% darker color. If you saturate the color by 10%, you get **21008**, and if you desaturate by 10%, it is **545303**.

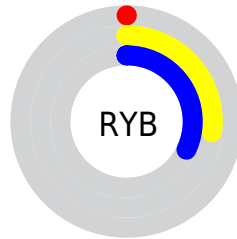
Distribution



Red (0%)

Green (32%)

Blue (6%)



Red (0%)

Yellow (27%)

Blue (32%)

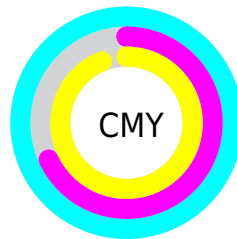


Cyan (100%)

Magenta (0%)

Yellow (80%)

Black (68%)



Cyan (100%)


Magenta (68%)

Yellow (94%)


Brightness & Saturation Gradients

These gradients show how the Decimal color 21008 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 21008 by changing the saturation by 10% instead.

 21008  21008

 16777209  14848

 4228159  9728

 6004567  0

 7715440

 9492106

 11334565

 13172672

 15073244

 21008

■ 545303

■ 1069597

■ 1659428

■ 2183722

■ 2708017

■ 3232312

■ 3756606

■ 4346437

■ 4870731

Harmonies

Analogous

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



4082432



21008



21816

Triad

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



21008



20111



8789039

Complementary

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



21008



5374018

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.



8461140



21008



2310540

Square

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



21008



21630



6631286



7941899

Rectangle

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



21008



22098



6631286



8788283

Sweetspot

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



21008



4942673



4411904



2242086



11908533



3552822

Same Dimension

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



21008



27413



21048



2435366



26900



59437

Inverse Universe

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



5374018



7012438



5373978



2696488



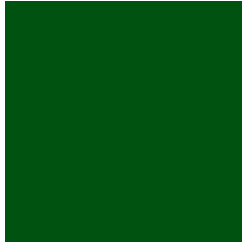
6881364



15204539

Previews

White Background



This preview shows how the Decimal color 21008 looks on a white background.

Color Contrast Check

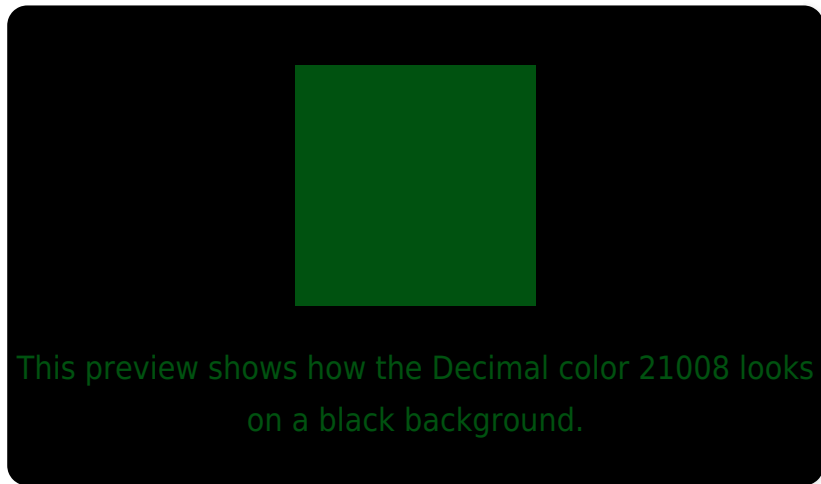
Large Text (above 18pt) WCAG AA ✓ Pass

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

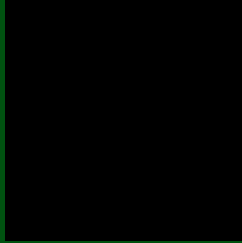
Any Text WCAG AA × Fail

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 21008 Background



This preview shows how black text looks on a background with the Decimal color 21008.



This preview shows how white text looks on a background with the Decimal color 21008.

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
21008

Protanopia
5195277

Deuteranopia
5784343

Trichromacy



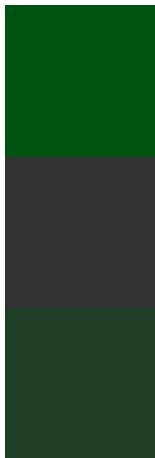
Original Color
21008

Protanomaly
3295758

Deuteranomaly
3688468

Tritanomaly
1461819

Monochromacy



Original Color
21008

Achromatopsia
3289650

Achromatomaly
2113062

CSS Examples

Text

The CSS property to change the color of the text to Decimal 21008 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 #005210 looks like.

```
.text, #text, p{  
    color:#005210  
}
```

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 #005210 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005210
}
```

Border

The CSS property to change the border of an element to Decimal 21008 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".

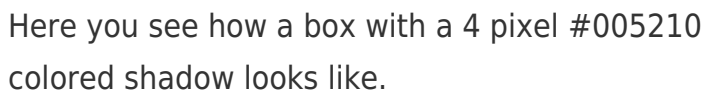
```
.border, #border, table{ border:4px solid
#005210 }
```

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

```
.border{ border-color:#005210 }
```

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

Here you see how a box with a 4 pixel #005210 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005210; -webkit-box-shadow:4px 4px  
4px 4px #005210; box-shadow:4px 4px 4px  
4px #005210 }
```

Background

The CSS property to change the background color of an element to Decimal 21008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005210 }
```

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

```
.background{ background-color:#005210 }
```

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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