

# Converting Colors

Decimal(5195275)

Have a look what the booklet for  
Decimal(5195275) contains.

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**Color**

**Decimal(5195275)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F460B
RGB	79, 70, 11
RGB Percent	31%, 27%, 4%
CMY	0.6902, 0.7255, 0.9569
CMYK	0.00, 0.11, 0.86, 0.69
HSL	52°, 76%, 18%
HSV	52°, 86%, 31%
XYZ	5.4750, 6.0667, 1.1990
YIQ	65.9650, 24.3030, -16.4410

# Conversions

## Conversions Part 2

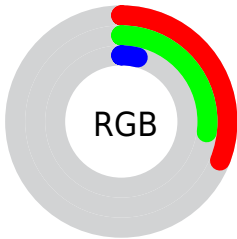
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 79, 11
Decimal	5195275
CIE Lab	29.58, -3.37, 34.09
CIE LCh	30, 34.256, 95.637
Yxy	6.0667, 0.4297, 0.4762
Android (android.graphics.Color)	4283385355 (0xFF4F460B)
YUV	65.9650, -27.0977, 11.4317
Hunter-Lab	24.6308, -3.4262, 14.3553

# Details

The Decimal color **5195275** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **726095**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **8615483**, and **2038528** is the 20% darker color. If you saturate the color by 10%, you get **5195011**, and if you desaturate by 10%, it is **5195539**.

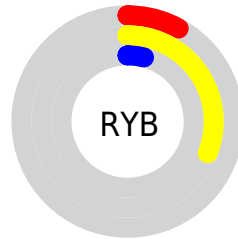
# Distribution



Red (31%)

Green (27%)

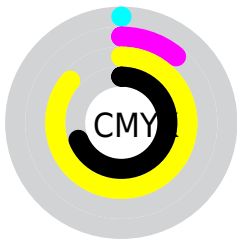
Blue (4%)



Red (8%)

Yellow (31%)

Blue (4%)

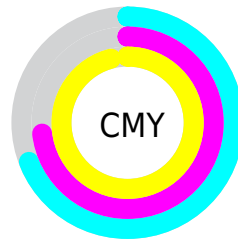


Cyan (0%)

Magenta (11%)

Yellow (86%)

Black (69%)



Cyan (69%)

Magenta (73%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5195275 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 5195275 by changing the saturation by 10% instead.



 5195275

 5195275

 16777204

 3616768

 8615483

 2038528

 10391635

 0

 12167788

 14075269

 15983008

 16776891

 16777175

 5195275

 5195275

■ 5195011

■ 5195539

■ 5195008

■ 5195803

■ 5196067

■ 5196331

■ 5196595

■ 5196858

■ 5197122

■ 5197386

■ 5197650

# Harmonies

## Analogous

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



6634516



5195275



3362071

# Triad

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



5195275



21092



6959708

# Complementary

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



5195275



726095

# 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.



5062001



5195275



20086

# Square

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



5195275



21066



1263483



7744834

# Rectangle

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



5195275



1658918



1263483



6436196



# Sweetspot

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



5195275



6709835



5180180



3354915



11776947



3355443



# Same Dimension

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



5195275



6707456



3559179



2500130



15124224

# Inverse Universe

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



726095



3430



2362191



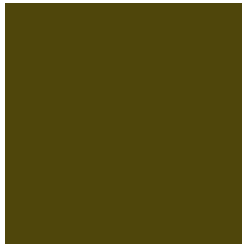
2237222



7910

# Previews

## White Background



This preview shows how the Decimal color 5195275 looks on a white background.

## Color Contrast Check

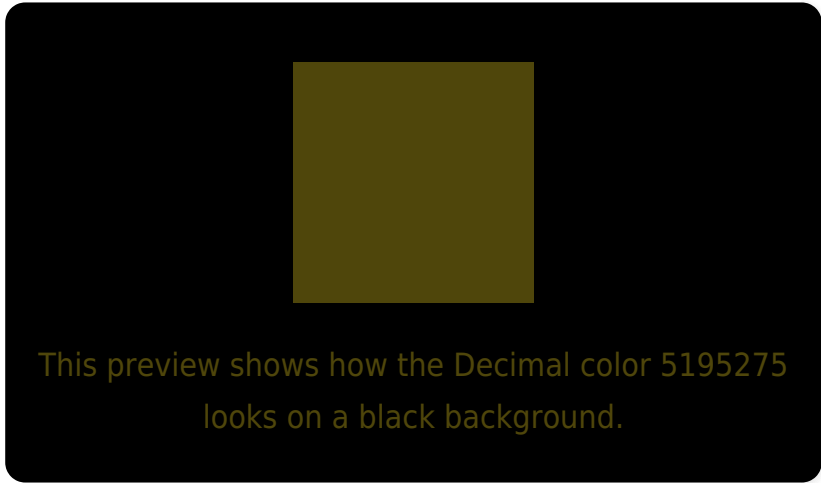
Large Text (above 18pt) WCAG AA ✓ Pass

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

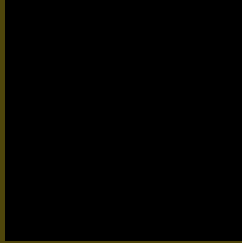
Any Text WCAG AA × Fail

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 5195275 Background



This preview shows how black text looks on a background with the Decimal color 5195275.



This preview shows how white text looks on a background with the Decimal color 5195275.

# 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

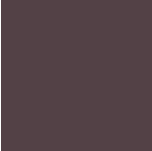


**Original Color**  
5195275

**Protanopia**  
5195275

**Deuteranopia**  
5784078





**Tritanopia**  
5456198

# Trichromacy



**Original Color**

5195275

**Protanomaly**

5195275

**Deuteranomaly**

5587725

**Tritanomaly**

5391153

# Monochromacy



**Original Color**

5195275

**Achromatopsia**

4342338

**Achromatomaly**

4670254

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5195275 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 #4F460B looks like.

```
.text, #text, p{  
    color:#4F460B  
}
```

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 #4F460B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F460B
}
```

## Border

The CSS property to change the border of an element to Decimal 5195275 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".

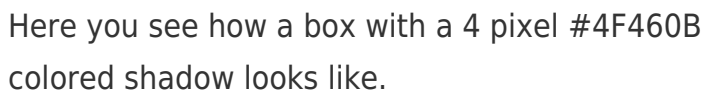
```
.border, #border, table{ border:4px solid
#4F460B }
```

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

```
.border{ border-color:#4F460B }
```

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

Here you see how a box with a 4 pixel #4F460B colored shadow looks like.

A rectangular box with a dark olive green border and a matching shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and centered.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F460B; -webkit-box-shadow:4px 4px  
4px 4px #4F460B; box-shadow:4px 4px 4px  
4px #4F460B }
```

# Background

The CSS property to change the background color of an element to Decimal 5195275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F460B }
```

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

```
.background{ background-color:#4F460B }
```

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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