

Converting Colors

Decimal(5005844)

Have a look what the booklet for
Decimal(5005844) contains.

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Color

Decimal(5005844)

Conversions

Conversions Part 1

Format	Color
Hex	4C6214
RGB	76, 98, 20
RGB Percent	30%, 38%, 8%
CMY	0.7020, 0.6157, 0.9216
CMYK	0.22, 0.00, 0.80, 0.62
HSL	77°, 66%, 23%
HSV	77°, 80%, 38%
XYZ	7.4744, 10.3224, 2.2603
YIQ	82.5300, 11.9260, -28.9220

Conversions

Conversions Part 2

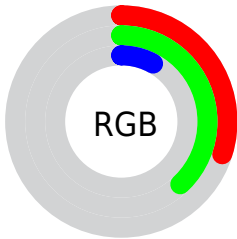
Format	Color
R_{YB}	20, 98, 42
Decimal	5005844
CIE Lab	38.41, -20.33, 38.85
CIE LCh	38, 43.851, 117.624
Yxy	10.3224, 0.3727, 0.5146
Android (android.graphics.Color)	4283195924 (0xFF4C6214)
YUV	82.5300, -30.8273, -5.7268
Hunter-Lab	32.1284, -14.6981, 18.3188

Details

The Decimal color **5005844** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2757730**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **8361286**, and **1848064** is the 20% darker color. If you saturate the color by 10%, you get **4809226**, and if you desaturate by 10%, it is **5202462**.

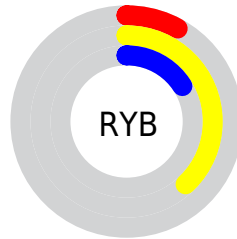
Distribution



Red (30%)

Green (38%)

Blue (8%)



Red (8%)

Yellow (38%)

Blue (16%)

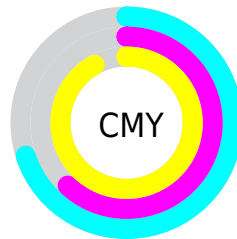


Cyan (22%)

Magenta (0%)

Yellow (80%)

Black (62%)



Cyan (70%)

Magenta (62%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5005844 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 5005844 by changing the saturation by 10% instead.

■ 5005844

■ 5005844

16777215

■ 3361280

■ 8361286

■ 1848064

■ 10137439

■ 7936

■ 11979640

■ 0

■ 13821842

■ 15728558

■ 16777161

■ 16777190

■ 5005844

■ 5005844

■ 4809226

■ 5202462

■ 4612608

■ 5399080

■ 5530161

■ 5726779

■ 5923397

■ 6120015

■ 6251097

■ 6447714

■ 6644332

Harmonies

Analogous

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



7297032



5005844



1402930

Triad

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



5005844



26518



9975903

Complementary

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



5005844



2757730

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.



8602241



5005844



24482

Square

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



5005844



27514



5591706



10042428

Rectangle

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



5005844



27210



5591706



9648747

Sweetspot

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



5005844



7831649



6433044



3883053



12566463



4210752

Same Dimension

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



5005844



6127621



2515476



3092524



5337088



11333632

Inverse Universe

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



2757730



2622848



5248098



2960432



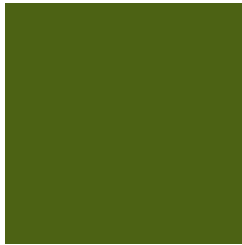
2097264



4456688

Previews

White Background



This preview shows how the Decimal color 5005844 looks on a white background.

Color Contrast Check

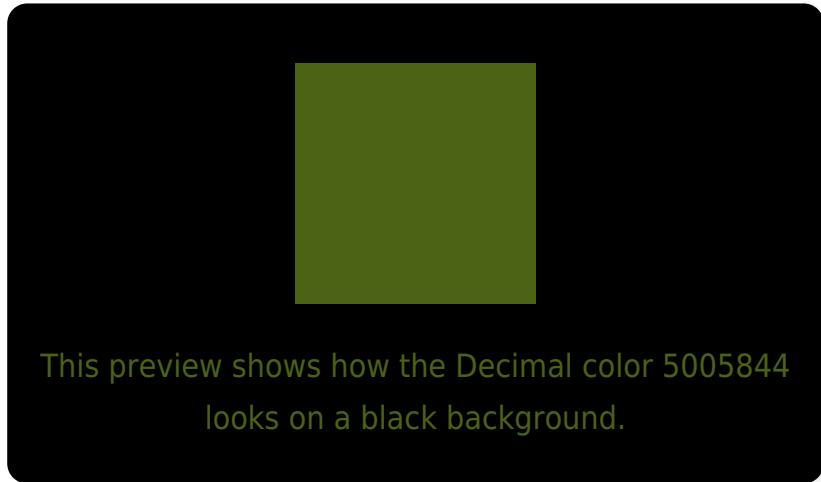
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

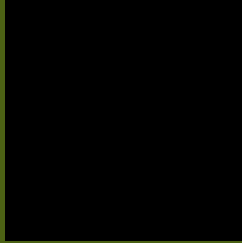
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 5005844 Background



This preview shows how black text looks on a background with the Decimal color 5005844.



This preview shows how white text looks on a background with the Decimal color 5005844.

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
5005844

Protanopia
6707986

Deuteranopia
7427610



Tritanopia
5528419

Trichromacy



Original Color
5005844

Protanomaly
6118931

Deuteranomaly
6576664

Tritanomaly
5332550

Monochromacy



Original Color
5005844

Achromatopsia
5460819

Achromatomaly
5265468

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5005844 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 #4C6214 looks like.

```
.text, #text, p{  
  color:#4C6214  
}
```

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 #4C6214 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6214
}
```

Border

The CSS property to change the border of an element to Decimal 5005844 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
#4C6214 }
```

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

```
.border{ border-color:#4C6214 }
```

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

Here you see how a box with a 4 pixel #4C6214 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6214; -webkit-box-shadow:4px 4px  
4px 4px #4C6214; box-shadow:4px 4px 4px  
4px #4C6214 }
```

Background

The CSS property to change the background color of an element to Decimal 5005844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6214 }
```

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

```
.background{ background-color:#4C6214 }
```

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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