

Converting Colors

Decimal(6049312)

Have a look what the booklet for
Decimal(6049312) contains.

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Color

Decimal(6049312)

Conversions

Conversions Part 1

Format	Color
Hex	5C4E20
RGB	92, 78, 32
RGB Percent	36%, 31%, 13%
CMY	0.6392, 0.6941, 0.8745
CMYK	0.00, 0.15, 0.65, 0.64
HSL	46°, 48%, 24%
HSV	46°, 65%, 36%
XYZ	7.3987, 7.8284, 2.4876
YIQ	76.9420, 23.1100, -11.3380

Conversions

Conversions Part 2

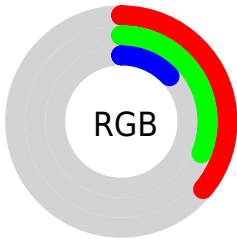
Format	Color
R _Y B	50, 92, 32
Decimal	6049312
CIE Lab	33.62, -0.40, 28.81
CIE LCh	34, 28.809, 90.800
Yxy	7.8284, 0.4177, 0.4419
Android (android.graphics.Color)	4284239392 (0xFF5C4E20)
YUV	76.9420, -22.1564, 13.2059
Hunter-Lab	27.9792, -1.7617, 14.3141

Details

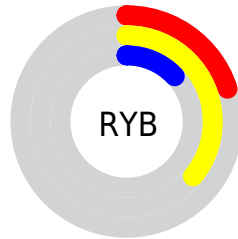
The Decimal color **6049312** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2109020**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **9469774**, and **2892288** is the 20% darker color. If you saturate the color by 10%, you get **6048791**, and if you desaturate by 10%, it is **6049833**.

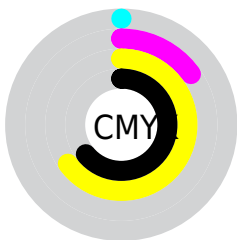
Distribution



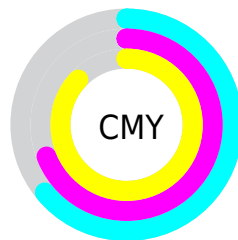
- Red (36%)
- Green (31%)
- Blue (13%)



- Red (20%)
- Yellow (36%)
- Blue (13%)



- Cyan (0%)
- Magenta (15%)
- Yellow (65%)
- Black (64%)



- Cyan (64%)
- Magenta (69%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6049312 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 6049312 by changing the saturation by 10% instead.



6049312



6049312

16777215



4405001



9469774



2892288



11245927



1182976



13087616



0



14995354



16772021



16777169



16777197



6049312



6049312

■ 6048791

■ 6049833

■ 6048270

■ 6050354

■ 6047748

■ 6050876

■ 6047488

■ 6051653

■ 6052174

■ 6052695

■ 6053216

■ 6053738

■ 6054259

Harmonies

Analogous

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



7226920



6049312



4543782

Triad

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



6049312



23142



7094374

Complementary

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



6049312



2109020

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.



5327222



6049312



22390

Square

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



6049312



23375



2576765



7945295

Rectangle

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



6049312



3299377



2576765



6570860

Sweetspot

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



6049312



7893600



6037550



4012591



12434877



4013373

Same Dimension

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



6049312



7889434



5004320



3026217



7230464



15578624

Inverse Universe

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



2109020



1716344



3154012



2697774



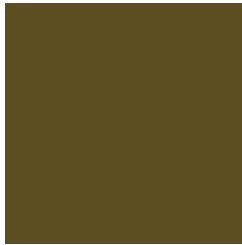
6766



14317

Previews

White Background



This preview shows how the Decimal color 6049312 looks on a white background.

Color Contrast Check

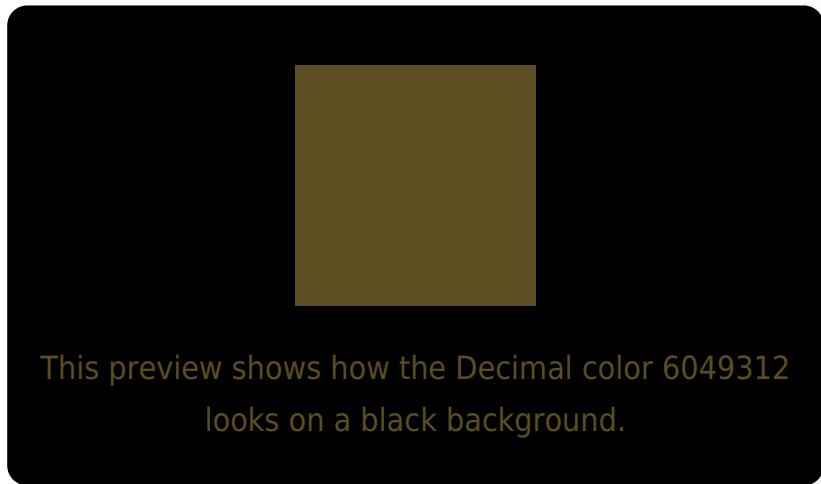
Large Text (above 18pt) WCAG AA ✓ Pass

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

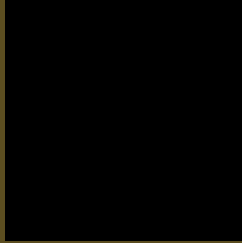
Any Text WCAG AA × Fail

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 6049312 Background



This preview shows how black text looks on a background with the Decimal color 6049312.



This preview shows how white text looks on a background with the Decimal color 6049312.

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
6049312

Protanopia
5787424

Deuteranopia
6441761



Tritanopia
6310223

Trichromacy



Original Color

6049312

Protanomaly

5852960

Deuteranomaly

6310945

Tritanomaly

6245182

Monochromacy



Original Color

6049312

Achromatopsia

5066061

Achromatomaly

5393725

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6049312 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 #5C4E20 looks like.

```
.text, #text, p{  
  color:#5C4E20  
}
```

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 #5C4E20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C4E20
}
```

Border

The CSS property to change the border of an element to Decimal 6049312 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
#5C4E20 }
```

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

```
.border{ border-color:#5C4E20 }
```

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

Here you see how a box with a 4 pixel #5C4E20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C4E20; -webkit-box-shadow:4px 4px  
4px 4px #5C4E20; box-shadow:4px 4px 4px  
4px #5C4E20 }
```

Background

The CSS property to change the background color of an element to Decimal 6049312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C4E20 }
```

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

```
.background{ background-color:#5C4E20 }
```

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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