

Converting Colors

Decimal(6334976)

Have a look what the booklet for
Decimal(6334976) contains.

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Color

Decimal(6334976)

Conversions

Conversions Part 1

Format	Color
Hex	60AA00
RGB	96, 170, 0
RGB Percent	38%, 67%, 0%
CMY	0.6235, 0.3333, 1.0000
CMYK	0.44, 0.00, 1.00, 0.33
HSL	86°, 100%, 33%
HSV	86°, 100%, 67%
XYZ	19.1986, 31.2362, 5.0173
YIQ	128.4940, 10.4660, -68.5580

Conversions

Conversions Part 2

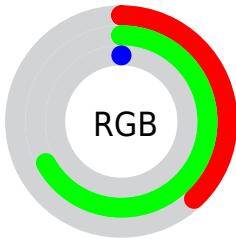
Format	Color
RYB	0, 170, 74
Decimal	6334976
CIELab	62.71, -45.88, 64.00
CIELCh	63, 78.747, 125.639
Yxy	31.2362, 0.3462, 0.5633
Android (android.graphics.Color)	4284525056 (0xFF60AA00)
YUV	128.4940, -63.3475, -28.4972
Hunter-Lab	55.8894, -36.4898, 33.8000

Details

The Decimal color **6334976** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4849834**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **10084939**, and **2323712** is the 20% darker color. If you saturate the color by 10%, you get **6334976**, and if you desaturate by 10%, it is **6793745**.

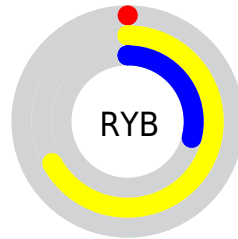
Distribution



Red (38%)

Green (67%)

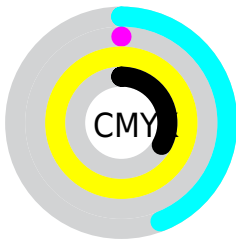
Blue (0%)



Red (0%)

Yellow (67%)

Blue (29%)

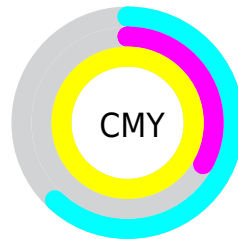


Cyan (44%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (62%)



















Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6334976 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 6334976 by changing the saturation by 10% instead.

 6334976	 6334976
 16777215	 4427520
 10084939	 2323712
 11992935	 23552
 13893506	 17152
 15859614	 11520
 16777147	 4352
 16777176	 0
 16777205	
 6334976	

 6793745

 7318050

 7776819

 8301124

 8759893

 9218662

 9742967

 10201736

 10726041

Harmonies

Analogous

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



11245824



6334976



45914

Triad

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



6334976



44799



16729742

Complementary

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



6334976



4849834

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.



16014035



6334976



40191

Square

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



6334976



46824



10977023



16735306

Rectangle

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



6334976



46731



10977023



16730277

Sweetspot

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



6334976



12705435



11160064



6254664



15790320



7368816

Same Dimension

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



6334976



8248832



764416



5264460



5542912



791552

Inverse Universe

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



4849834



6357214



10420394



5196884



4194452



589844

Previews

White Background



This preview shows how the Decimal color 6334976 looks on a white background.

Color Contrast Check

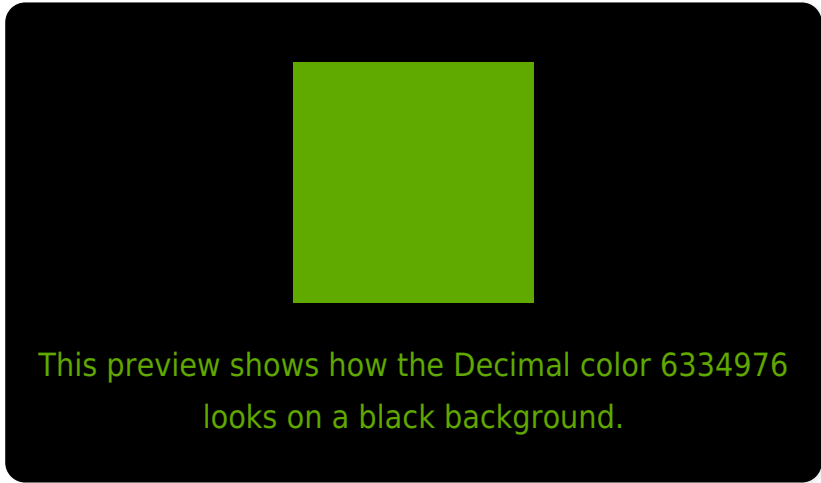
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Decimal 6334976 Background



This preview shows how black text looks on a background with the Decimal color 6334976.



This preview shows how white text looks on a background with the Decimal color 6334976.

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
6334976

Protanopia
11179776

Deuteranopia
12488482

Trichromacy



Original Color
6334976

Protanomaly
9412096

Deuteranomaly
10262806

Tritanomaly
7185005

Monochromacy



Original Color
6334976

Achromatopsia
8421504

Achromatomaly
7638865

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6334976 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 #60AA00 looks like.

```
.text, #text, p{  
  color:#60AA00  
}
```

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 #60AA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60AA00
}
```

Border

The CSS property to change the border of an element to Decimal 6334976 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".

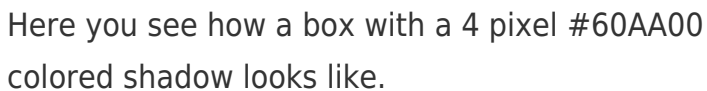
```
.border, #border, table{ border:4px solid
#60AA00 }
```

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

```
.border{ border-color:#60AA00 }
```

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

Here you see how a box with a 4 pixel #60AA00 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60AA00; -webkit-box-shadow:4px 4px  
4px 4px #60AA00; box-shadow:4px 4px 4px  
4px #60AA00 }
```

Background

The CSS property to change the background color of an element to Decimal 6334976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60AA00 }
```

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

```
.background{ background-color:#60AA00 }
```

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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