

Converting Colors

Decimal(6536960)

Have a look what the booklet for
Decimal(6536960) contains.

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Color

Decimal(6536960)

Conversions

Conversions Part 1

Format	Color
Hex	63BF00
RGB	99, 191, 0
RGB Percent	39%, 75%, 0%
CMY	0.6118, 0.2510, 1.0000
CMYK	0.48, 0.00, 1.00, 0.25
HSL	89°, 100%, 37%
HSV	89°, 100%, 75%
XYZ	23.7764, 39.9143, 6.4511
YIQ	141.7180, 6.4790, -78.9050

Conversions

Conversions Part 2

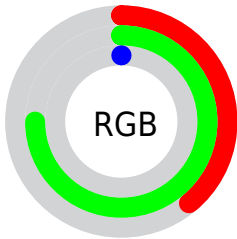
Format	Color
RYB	0, 191, 92
Decimal	6536960
CIELab	69.41, -53.09, 69.29
CIELCh	69, 87.291, 127.463
Yxy	39.9143, 0.3390, 0.5691
Android (android.graphics.Color)	4284727040 (0xFF63BF00)
YUV	141.7180, -69.8670, -37.4637
Hunter-Lab	63.1777, -43.3841, 38.1703

Details

The Decimal color **6536960** is a dark color, and the websafe version is hex **66CC00**. A complement of this color would be **6029503**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **10418255**, and **2132224** is the 20% darker color. If you saturate the color by 10%, you get **6536960**, and if you desaturate by 10%, it is **7126803**.

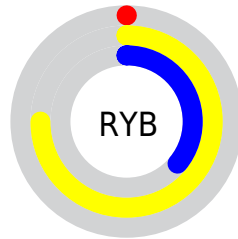
Distribution



Red (39%)

Green (75%)

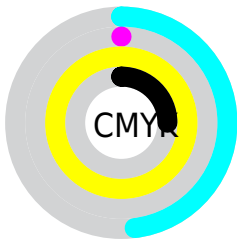
Blue (0%)



Red (0%)

Yellow (75%)

Blue (36%)

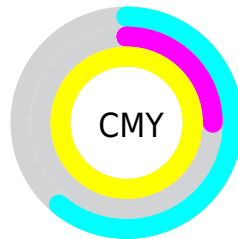


Cyan (48%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (61%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6536960 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 6536960 by changing the saturation by 10% instead.

 6536960

 6536960

16777215

 4498176

 10418255

 2132224

 12386156

 28160

 14286728

 21760

 16318373

 15616

 16777154

 9728

 16777183

 0

16777213

 6536960


 7126803

 7716646

 8372025

 8961868

 9551712

 10141555

 10731398

 11386777

 11976620

Harmonies

Analogous

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



12233984



6536960



51561

Triad

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



6536960



49919



16731033

Complementary

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



6536960



6029503

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.



16736488



6536960



44543

Square

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



6536960



52223



12749567



16738125

Rectangle

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



6536960



52384



12749567



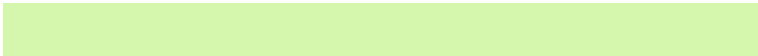
16731316

Sweetspot

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



6536960



13957037



12540160



6782288



16579836



8224125

Same Dimension

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



6536960



8451840



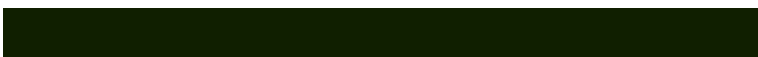
442112



5922389



5414400



1056512

Inverse Universe

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



6029503



7799031



12124351



5854558



4980894



983071

Previews

White Background



This preview shows how the Decimal color 6536960 looks on a white background.

Color Contrast Check

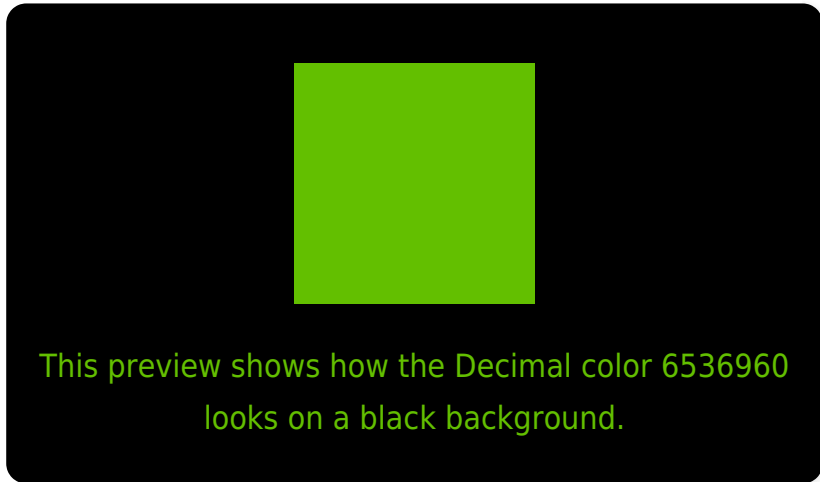
Large Text (above 18pt) WCAG AA × Fail

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 6536960 Background



This preview shows how black text looks on a background with the Decimal color 6536960.



This preview shows how white text looks on a background with the Decimal color 6536960.

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
6536960

Protanopia
12495104

Deuteranopia
13934631



Tritanopia
8172224

Trichromacy



Original Color
6536960



Protanomaly
10334464



Deuteranomaly
11250457



Tritanomaly
7583610

Monochromacy



Original Color
6536960



Achromatopsia
9342606



Achromatomaly
8298586

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6536960 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 #63BF00 looks like.

```
.text, #text, p{  
    color:#63BF00  
}
```

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 #63BF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63BF00
}
```

Border

The CSS property to change the border of an element to Decimal 6536960 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
#63BF00 }
```

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

```
.border{ border-color:#63BF00 }
```

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

Here you see how a box with a 4 pixel #63BF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63BF00; -webkit-box-shadow:4px 4px  
4px 4px #63BF00; box-shadow:4px 4px 4px  
4px #63BF00 }
```

Background

The CSS property to change the background color of an element to Decimal 6536960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63BF00 }
```

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

```
.background{ background-color:#63BF00 }
```

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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