

Converting Colors

Decimal(6129462)

Have a look what the booklet for
Decimal(6129462) contains.

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Color

Decimal(6129462)

Conversions

Conversions Part 1

Format	Color
Hex	5D8736
RGB	93, 135, 54
RGB Percent	36%, 53%, 21%
CMY	0.6353, 0.4706, 0.7882
CMYK	0.31, 0.00, 0.60, 0.47
HSL	91°, 43%, 37%
HSV	91°, 60%, 53%
XYZ	13.8440, 19.9214, 6.6056
YIQ	113.2080, 0.9690, -34.0950

Conversions

Conversions Part 2

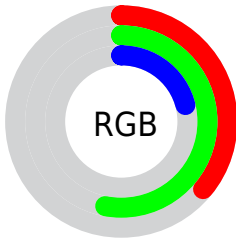
Format	Color
RYB	54, 135, 96
Decimal	6129462
CIELab	51.75, -28.94, 38.22
CIELCh	52, 47.944, 127.136
Yxy	19.9214, 0.3429, 0.4935
Android (android.graphics.Color)	4284319542 (0xFF5D8736)
YUV	113.2080, -29.1895, -17.7224
Hunter-Lab	44.6334, -22.7429, 22.4687

Details

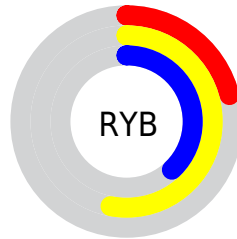
The Decimal color **6129462** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6305415**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **9616744**, and **2774274** is the 20% darker color. If you saturate the color by 10%, you get **5670697**, and if you desaturate by 10%, it is **6588228**.

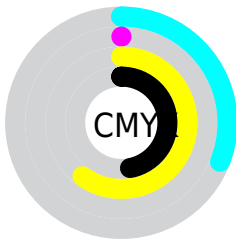
Distribution



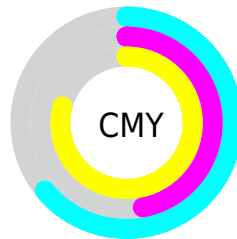
- Red (36%)
- Green (53%)
- Blue (21%)



- Red (21%)
- Yellow (53%)
- Blue (38%)



- Cyan (31%)
- Magenta (0%)
- Yellow (60%)
- Black (47%)



- Cyan (64%)
- Magenta (47%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6129462 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 6129462 by changing the saturation by 10% instead.



6129462



6129462

16777215



4418845



9616744



2774274



11393154



1195264



13235612



9984



15138744



3072



16777172



0



16777200



6129462



6129462



5670697



6588228

■ 5211931

■ 7046993

■ 4753165

■ 7505758

■ 4294400

■ 7964524

■ 8423290

■ 8882055

■ 9340821

■ 9799586

■ 10258352

Harmonies

Analogous

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



8944675



6129462



1019226

Triad

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



6129462



35015



12998259

Complementary

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



6129462



6305415

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.



11885724



6129462



3898829

Square

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



6129462



36524



9071805



12672588

Rectangle

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



6129462



36726



9071805



12801665

Sweetspot

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



6129462



10530960



8871990



5200198



14277081



5855577

Same Dimension

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



6129462



7254065



3573559



4145724



4162048



66304

Inverse Universe

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



6305415



7549360



8861318



4144194



4391042



65539

Previews

White Background



This preview shows how the Decimal color 6129462 looks on a white background.

Color Contrast Check

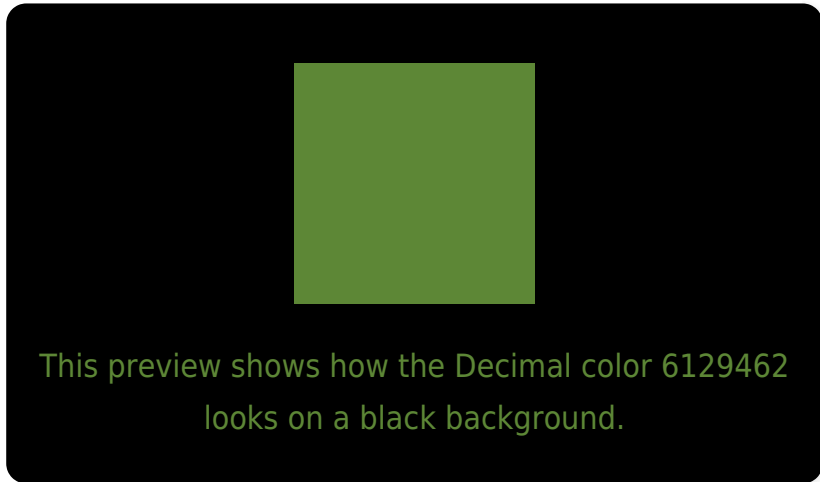
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

Decimal 6129462 Background



This preview shows how black text looks on a background with the Decimal color 6129462.



This preview shows how white text looks on a background with the Decimal color 6129462.

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
6129462

Protanopia
9009970

Deuteranopia
9991483



Tritanopia
6913929

Trichromacy



Original Color
6129462

Protanomaly
7962419

Deuteranomaly
8617017

Tritanomaly
6652523

Monochromacy



Original Color
6129462

Achromatopsia
7434609

Achromatomaly
6977884

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6129462 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 #5D8736 looks like.

```
.text, #text, p{  
  color:#5D8736  
}
```

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 #5D8736 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D8736
}
```

Border

The CSS property to change the border of an element to Decimal 6129462 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
#5D8736 }
```

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

```
.border{ border-color:#5D8736 }
```

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

Here you see how a box with a 4 pixel #5D8736 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D8736; -webkit-box-shadow:4px 4px  
4px 4px #5D8736; box-shadow:4px 4px 4px  
4px #5D8736 }
```

Background

The CSS property to change the background color of an element to Decimal 6129462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D8736 }
```

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

```
.background{ background-color:#5D8736 }
```

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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