

Converting Colors

Decimal(6403175)

Have a look what the booklet for
Decimal(6403175) contains.

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Color

Decimal(6403175)

Conversions

Conversions Part 1

Format	Color
Hex	61B467
RGB	97, 180, 103
RGB Percent	38%, 71%, 40%
CMY	0.6196, 0.2941, 0.5961
CMYK	0.46, 0.00, 0.43, 0.29
HSL	124°, 36%, 54%
HSV	124°, 46%, 71%
XYZ	23.6992, 36.1632, 18.5631
YIQ	146.4050, -24.7510, -41.5430

Conversions

Conversions Part 2

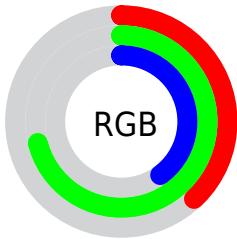
Format	Color
RYB	97, 174, 180
Decimal	6403175
CIELab	66.64, -41.52, 31.59
CIELCh	67, 52.174, 142.735
Yxy	36.1632, 0.3022, 0.4611
Android (android.graphics.Color)	4284593255 (0xFF61B467)
YUV	146.4050, -21.3987, -43.3282
Hunter-Lab	60.1358, -34.8918, 23.7931

Details

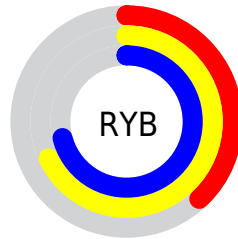
The Decimal color **6403175** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **11821486**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **10022043**, and **2653750** is the 20% darker color. If you saturate the color by 10%, you get **5223510**, and if you desaturate by 10%, it is **7582840**.

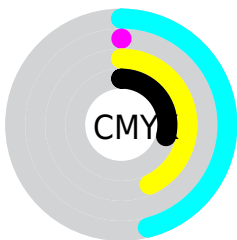
Distribution



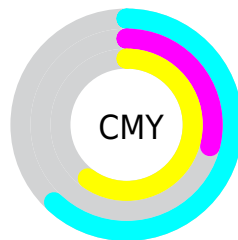
- Red (38%)
- Green (71%)
- Blue (40%)



- Red (38%)
- Yellow (68%)
- Blue (71%)



- Cyan (46%)
- Magenta (0%)
- Yellow (43%)
- Black (29%)



- Cyan (62%)
- Magenta (29%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6403175 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 6403175 by changing the saturation by 10% instead.



6403175



6403175

16777215



4626766



10022043



2653750



11861942



25887



13762514



19462



15663087



13312



7936



0



6403175



6403175



5223510



7582840

■ 4043846

■ 8762504

■ 2864181

■ 9942169

■ 1684516

■ 11121834

■ 504852

■ 12301498

■ 46093

■ 13481163

■ 14660828

■ 15840493

■ 16758013

Harmonies

Analogous

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



10136135



6403175



47509

Triad

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



6403175



44031



16350336

Complementary

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



6403175



11821486

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.



15956912



6403175



9607929

Square

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



6403175



46572



13732059



15305305

Rectangle

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



6403175



47797



13732059



16415376

Sweetspot

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



6403175



13298636



11449441



6387043



16119285



7697781

Same Dimension

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



6403175



7007091



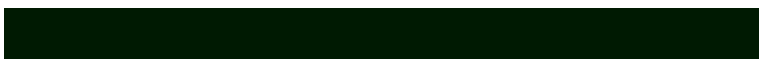
6403216



5265745



39179



6658

Inverse Universe

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



11821486



15428321



11821445



5853273



10027150



1703960

Previews

White Background



This preview shows how the Decimal color 6403175 looks on a white background.

Color Contrast Check

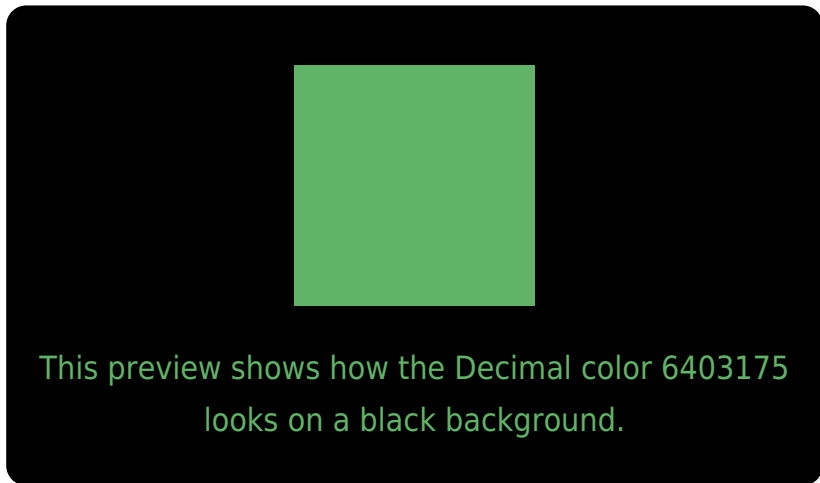
Large Text (above 18pt) WCAG AA × Fail

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

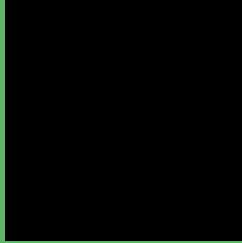
Any Text WCAG AA ✓ Pass

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 6403175 Background



This preview shows how black text looks on a background with the Decimal color 6403175.

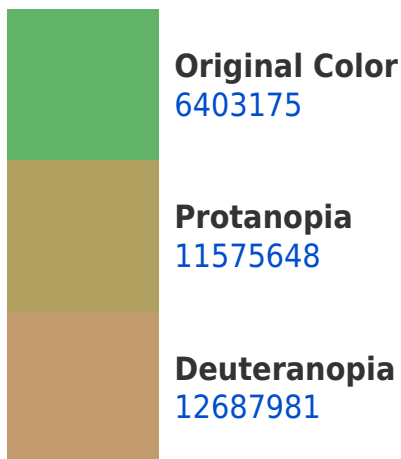



This preview shows how white text looks on a background with the Decimal color 6403175.

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](#).

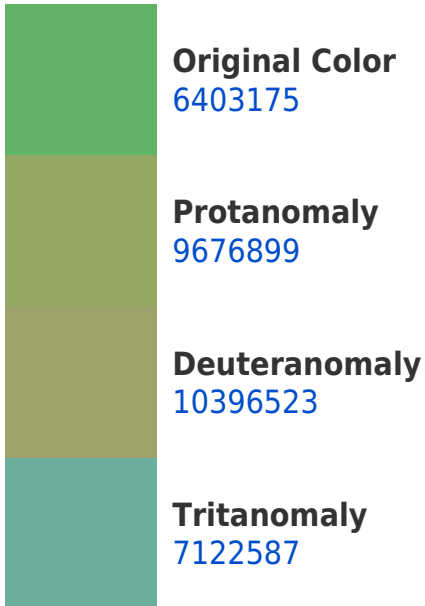
Dichromacy





Tritanopia
7515064

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6403175 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 #61B467 looks like.

```
.text, #text, p{  
    color:#61B467  
}
```

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 #61B467 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B467
}
```

Border

The CSS property to change the border of an element to Decimal 6403175 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
#61B467 }
```

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

```
.border{ border-color:#61B467 }
```

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

Here you see how a box with a 4 pixel #61B467 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B467; -webkit-box-shadow:4px 4px  
4px 4px #61B467; box-shadow:4px 4px 4px  
4px #61B467 }
```

Background

The CSS property to change the background color of an element to Decimal 6403175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B467 }
```

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

```
.background{ background-color:#61B467 }
```

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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