

Converting Colors

Decimal(6136150)

Have a look what the booklet for
Decimal(6136150) contains.

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Color

Decimal(6136150)

Conversions

Conversions Part 1

Format	Color
Hex	5DA156
RGB	93, 161, 86
RGB Percent	36%, 63%, 34%
CMY	0.6353, 0.3686, 0.6627
CMYK	0.42, 0.00, 0.47, 0.37
HSL	114°, 30%, 48%
HSV	114°, 47%, 63%
XYZ	18.9388, 28.4888, 13.3048
YIQ	132.1180, -16.4530, -37.7410

Conversions

Conversions Part 2

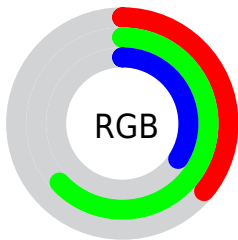
Format	Color
R_{YB}	86, 161, 154
Decimal	6136150
CIE _{Lab}	60.33, -36.96, 32.35
CIE _{LCh}	60, 49.120, 138.802
Yxy	28.4888, 0.3118, 0.4691
Android (android.graphics.Color)	4284326230 (0xFF5DA156)
YUV	132.1180, -22.7362, -34.3065
Hunter-Lab	53.3749, -30.0696, 22.5831

Details

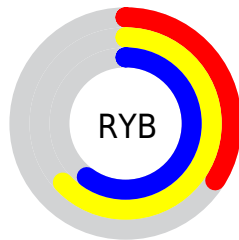
The Decimal color **6136150** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **10114721**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **9689225**, and **2583846** is the 20% darker color. If you saturate the color by 10%, you get **5153094**, and if you desaturate by 10%, it is **7119206**.

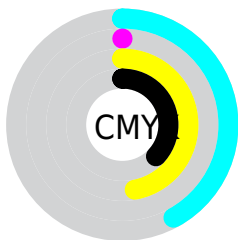
Distribution



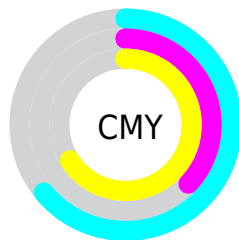
- Red (36%)
- Green (63%)
- Blue (34%)



- Red (34%)
- Yellow (63%)
- Blue (60%)



- Cyan (42%)
- Magenta (0%)
- Yellow (47%)
- Black (37%)



- Cyan (64%)
- Magenta (37%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6136150 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 6136150 by changing the saturation by 10% instead.

 6136150

 6136150

16777215

 4425278

 9689225

 2583846

 11466148

 218126

 13369279

 15360

 15269851

 9984

 16777208


 512

 0

 6136150

 6136150

 5153094

 7119206

■ 4235574

■ 8036726

■ 3252518

■ 9019782

■ 2334998

■ 9937302

■ 1351942

■ 10920359

■ 1024256

■ 11903415

■ 12820935

■ 13803991

■ 14721511

Harmonies

Analogous

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



9475899



6136150



42623

Triad

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



6136150



39910



14839160

Complementary

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



6136150



10114721

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.



14249636



6136150



7900387

Square

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



6136150



42194



12024779



13990226

Rectangle

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



6136150



42909



12024779



14838918

Sweetspot

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



6136150



12046772



10590806



5794135



15263976



6908265

Same Dimension

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



6136150



6803804



5677428



4870729



954624



135680

Inverse Universe

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



10114721



12999889



10573443



5327186



8650897



1048594

Previews

White Background



This preview shows how the Decimal color 6136150 looks on a white background.

Color Contrast Check

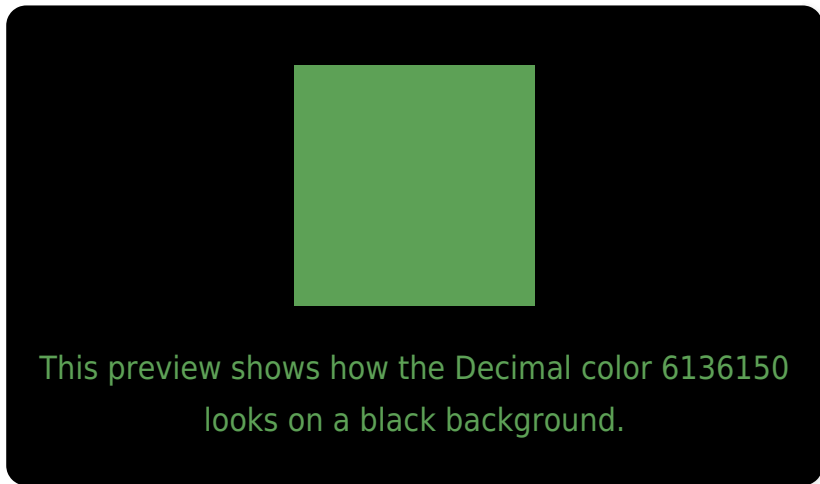
Large Text (above 18pt) WCAG AA ✓ Pass

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

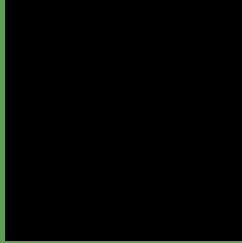
Any Text WCAG AA ✓ Pass

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 6136150 Background



This preview shows how black text looks on a background with the Decimal color 6136150.

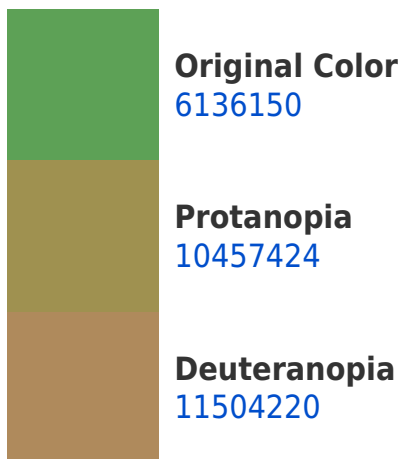



This preview shows how white text looks on a background with the Decimal color 6136150.

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



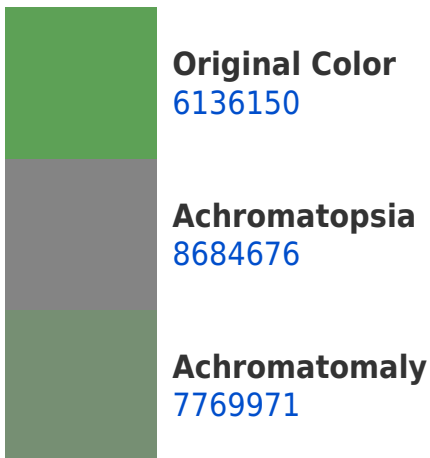


Tritanopia
7116964

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6136150 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 #5DA156 looks like.

```
.text, #text, p{  
    color:#5DA156  
}
```

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 #5DA156 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA156
}
```

Border

The CSS property to change the border of an element to Decimal 6136150 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
#5DA156 }
```

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

```
.border{ border-color:#5DA156 }
```

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

Here you see how a box with a 4 pixel #5DA156 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA156; -webkit-box-shadow:4px 4px  
4px 4px #5DA156; box-shadow:4px 4px 4px  
4px #5DA156 }
```

Background

The CSS property to change the background color of an element to Decimal 6136150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA156 }
```

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

```
.background{ background-color:#5DA156 }
```

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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