

Converting Colors

Decimal(6204227)

Have a look what the booklet for
Decimal(6204227) contains.

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Color

Decimal(6204227)

Conversions

Conversions Part 1

Format	Color
Hex	5EAB43
RGB	94, 171, 67
RGB Percent	37%, 67%, 26%
CMY	0.6314, 0.3294, 0.7373
CMYK	0.45, 0.00, 0.61, 0.33
HSL	104°, 44%, 47%
HSV	104°, 61%, 67%
XYZ	20.1921, 31.9108, 10.4053
YIQ	136.1210, -12.5080, -48.6680

Conversions

Conversions Part 2

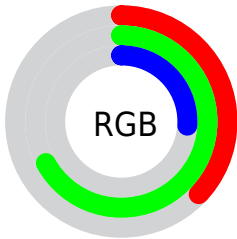
Format	Color
RYB	67, 171, 144
Decimal	6204227
CIELab	63.27, -43.33, 45.23
CIELCh	63, 62.639, 133.771
Yxy	31.9108, 0.3230, 0.5105
Android (android.graphics.Color)	4284394307 (0xFF5EAB43)
YUV	136.1210, -34.0767, -36.9401
Hunter-Lab	56.4896, -35.0522, 28.6215

Details

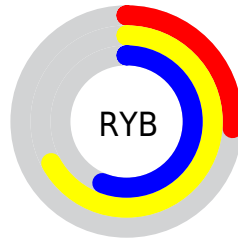
The Decimal color **6204227** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9454507**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **9823095**, and **2389515** is the 20% darker color. If you saturate the color by 10%, you get **5352242**, and if you desaturate by 10%, it is **7056212**.

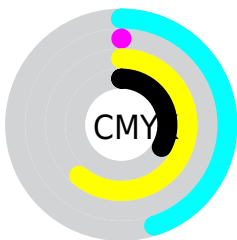
Distribution



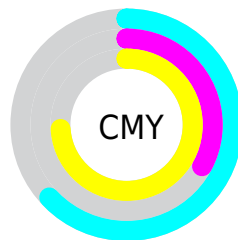
- Red (37%)
- Green (67%)
- Blue (26%)



- Red (26%)
- Yellow (67%)
- Blue (56%)



- Cyan (45%)
- Magenta (0%)
- Yellow (61%)
- Black (33%)



- Cyan (63%)
- Magenta (33%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6204227 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 6204227 by changing the saturation by 10% instead.



6204227



6204227

16777215



4362281



9823095



2389515



11730833



23808



13565869



17408



15531977



11776



16777189



5120



0



6204227



6204227



5352242



7056212

■ 4565793

■ 7842661

■ 3713808

■ 8694646

■ 2927360

■ 9546631

■ 10333080

■ 11185066

■ 12037051

■ 12823500

■ 13675485

Harmonies

Analogous

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



10395165



6204227



45688

Triad

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



6204227



43263



16671874

Complementary

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



6204227



9454507

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.



15690170



6204227



6002687

Square

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



6204227



45541



12419050



15824206

Rectangle

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



6204227



46239



12419050



16606100

Sweetspot

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



6204227



12639926



11243331



6189144



15790320



7368816

Same Dimension

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



6204227



6741564



4434779



5265230



2594304



399104

Inverse Universe

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



9454507



11812062



11223955



5525079



7274646



1114135

Previews

White Background



This preview shows how the Decimal color 6204227 looks on a white background.

Color Contrast Check

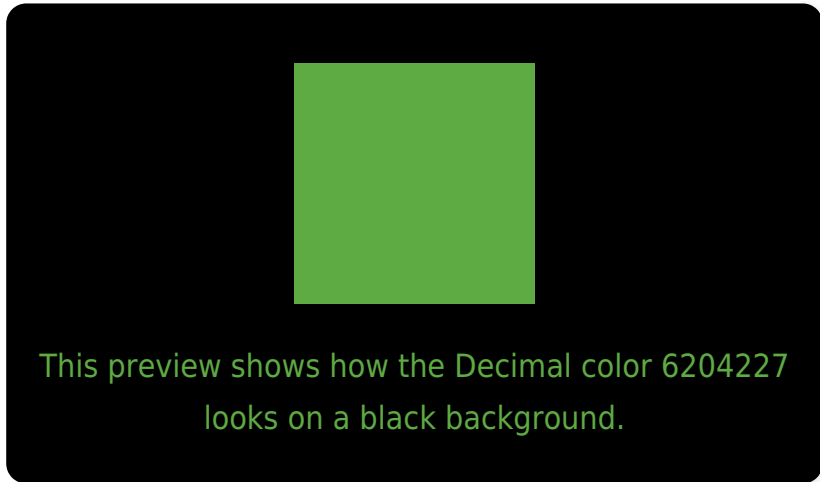
Large Text (above 18pt) WCAG AA × Fail

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

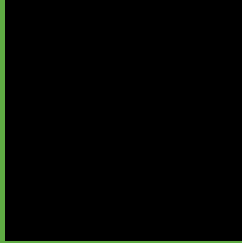
Any Text WCAG AA ✓ Pass

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 6204227 Background



This preview shows how black text looks on a background with the Decimal color 6204227.



This preview shows how white text looks on a background with the Decimal color 6204227.

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
6204227

Protanopia
11180350

Deuteranopia
12357963



Tritanopia
7446701

Trichromacy



Original Color

6204227



Protanomaly

9347136



Deuteranomaly

10132040



Tritanomaly

6988934

Monochromacy



Original Color

6204227



Achromatopsia

8947848



Achromatomaly

7968111

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6204227 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 #5EAB43 looks like.

```
.text, #text, p{  
    color:#5EAB43  
}
```

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 #5EAB43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EAB43
}
```

Border

The CSS property to change the border of an element to Decimal 6204227 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
#5EAB43 }
```

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

```
.border{ border-color:#5EAB43 }
```

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

Here you see how a box with a 4 pixel #5EAB43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EAB43; -webkit-box-shadow:4px 4px  
4px 4px #5EAB43; box-shadow:4px 4px 4px  
4px #5EAB43 }
```

Background

The CSS property to change the background color of an element to Decimal 6204227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EAB43 }
```

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

```
.background{ background-color:#5EAB43 }
```

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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