

# Converting Colors

HunterLab(18.3401, 15.7442,  
4.4414)

Have a look what the booklet for  
HunterLab(18.3401, 15.7442,  
4.4414) contains.

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# Color

**HunterLab(18.4268, 15.6981,  
4.5812)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	57232A
RGB	87, 35, 42
RGB Percent	34%, 14%, 16%
CMY	0.6588, 0.8627, 0.8353
CMYK	0.00, 0.60, 0.52, 0.66
HSL	352°, 43%, 24%
HSV	352°, 60%, 34%
XYZ	4.9494, 3.3955, 2.5850
YIQ	51.3460, 28.7450, 13.2010

# Conversions

## Conversions Part 2

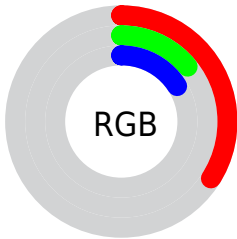
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 35, 42
Decimal	5710634
CIE Lab	21.56, 24.80, 7.28
CIE LCh	22, 25.850, 16.362
Yxy	3.3956, 0.4528, 0.3107
Android (android.graphics.Color)	4283900714 (0xFF57232A)
YUV	51.3460, -4.6076, 31.2686
Hunter-Lab	18.4268, 15.6981, 4.5812

# Details

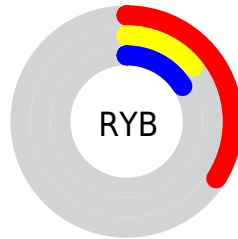
The HunterLab color **18.4268, 15.6981, 4.5812** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **27.8442, -13.1513, 0.7656**, and the grayscale version is **18.3197, -0.9775, 0.9953**.

A 20% lighter version of the original color is **35.0687, 17.7936, 6.6761**, and **6.8660, 11.7582, 4.4366** is the 20% darker color. If you saturate the color by 10%, you get **17.0198, 18.4819, 5.4142**, and if you desaturate by 10%, it is **20.0794, 12.7390, 3.8418**.

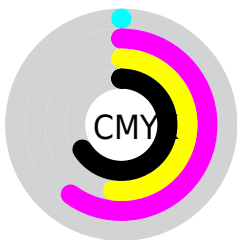
# Distribution



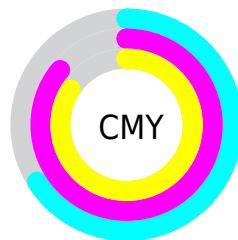
- Red (34%)
- Green (14%)
- Blue (16%)



- Red (34%)
- Yellow (14%)
- Blue (16%)



- Cyan (0%)
- Magenta (60%)
- Yellow (52%)
- Black (66%)



- Cyan (66%)
- Magenta (86%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.4268, 15.6981, 4.5812 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 HunterLab color 18.4268, 15.6981, 4.5812 by changing the saturation by 10% instead.



■ 18.4268, 15.6981,  
4.5812

■ 18.4268, 15.6981,  
4.5812

■ 115.3194, 21.5299,  
13.4299

■ 11.5828, 14.4371,  
3.5792

■ 34.9569, 17.7561,  
6.5147

■ 4.1603, 25.7562,  
2.9122

■ 44.4509, 18.5826,  
7.4719

0.0000, NaN, NaN

■ 54.6763, 19.2951,  
8.4341

0.0000, NaN, NaN

■ 65.5839, 19.9066,  
9.4059

0.0000, NaN, NaN

■ 77.1336, 20.4279,  
10.3898

0.0000, NaN, NaN

■ 89.2915, 20.8676,

0.0000, NaN, NaN

102.0285, 21.2329,  
12.4008

18.4268, 15.6981,  
4.5812

18.4268, 15.6981,  
4.5812

17.0198, 18.4819,  
5.4142

20.0794, 12.7390,  
3.8418

15.8901, 20.9178,  
6.3018

21.9416, 9.7343,  
3.2101

15.0597, 22.8135,  
7.1801

23.9826, 6.7589,  
2.6868

14.3419, 24.6650,  
7.8467

26.1751, 3.8518,  
2.2637

14.3250, 24.7124,  
7.8585

28.4969, 1.0282,  
1.9294

■ 30.9298, -1.7103,  
1.6721

■ 33.4592, -4.3692,  
1.4806

■ 36.0731, -6.9568,  
1.3453

■ 38.7619, -9.4826,  
1.2577

# Harmonies

## Analogous

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



18.4273, 15.9423, -2.6815



18.4268, 15.6981, 4.5812



18.4273, 10.5297, 8.6209

# Triad

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



18.4273, 15.6968, 4.5816



18.4273, -10.6173, 8.3741



18.4273, -4.3836, -18.9035

# Complementary

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



18.4268, 15.6981, 4.5812



27.8442, -13.1513, 0.7656

# 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.



18.4273, -10.2211, -12.5706



18.4268, 15.6981, 4.5812



18.4273, -13.3952, 4.0555

# Square

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



18.4273, 15.6968, 4.5816



18.4273, -5.0157, 10.1153



18.4273, -13.2633, -3.4779



18.4273, 3.4267, -18.5670



# Rectangle

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



18.4268, 15.6981, 4.5812



18.4273, 5.4122, 9.8629



18.4273, -13.2633, -3.4779



18.4273, -6.6120, -17.3994

# Sweetspot

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



18.4273, 15.6968, 4.5816



34.5457, 4.5881, 2.8996



18.8712, 19.5907, -16.3578



16.7920, 2.6096, 1.4771



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823



# Same Dimension

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



18.4273, 15.6968, 4.5816



21.5150, 25.6643, 7.5958



21.7077, 7.3706, 9.1615



14.5729, 0.3817, 0.9639



17.7900, 30.6505, 10.0646



42.0668, 72.2830, 25.3037



# Inverse Universe

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



18.4273, 15.6968, 4.5816



21.5150, 25.6643, 7.5958



22.9724, -5.0070, -9.2039



14.5729, 0.3817, 0.9639



17.7900, 30.6505, 10.0646

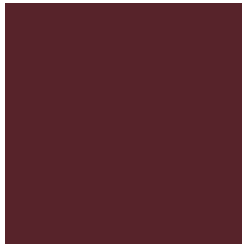


42.0668, 72.2830, 25.3037



# Previews

## White Background



This preview shows how the HunterLab color 18.4268, 15.6981, 4.5812 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

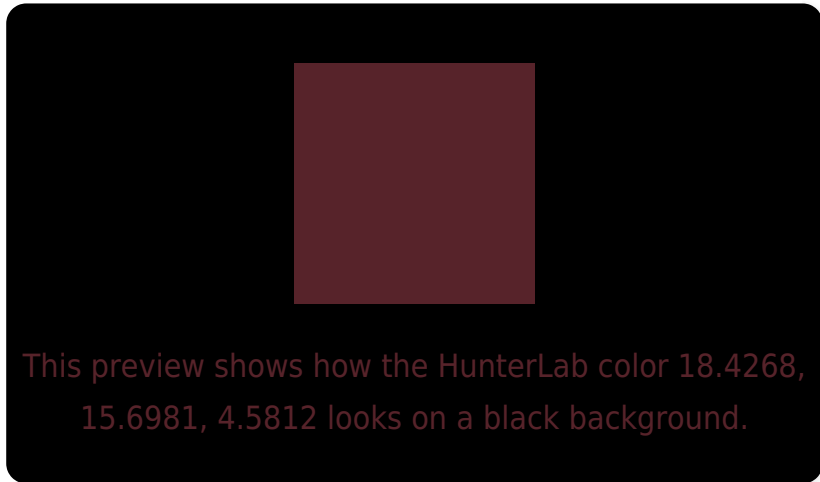
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

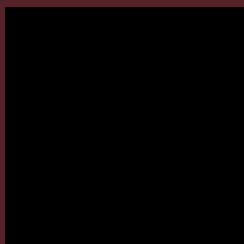
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

## HunterLab 18.4268, 15.6981, 4.5812 Background



This preview shows how black text looks on a background with the HunterLab color 18.4268, 15.6981, 4.5812.



This preview shows how white text looks on a background with the HunterLab color 18.4268, 15.6981,



# 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

18.4268, 15.6981, 4.5812

### Protanopia

18.6528, -0.6143, 1.5277

### Deuteranopia

18.5971, 1.1469, 5.0794



## Tritanopia

18.5147, 14.9483, 5.7982

# Trichromacy



## Original Color

18.4268, 15.6981, 4.5812

## Protanomaly

18.2363, 4.8630, 2.2309

## Deuteranomaly

18.3751, 6.0899, 4.6604

## Tritanomaly

18.5323, 15.0298, 5.5418

# Monochromacy



## Original Color

18.4268, 15.6981, 4.5812

## Achromatopsia

18.1947, -0.9708, 0.9886

## Achromatomaly

17.8330, 4.6888, 1.7737

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 18.4268, 15.6981, 4.5812 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 `rgb(87, 35, 42)` looks like.

```
.text, #text, p{  
  color:rgb(87, 35, 42)  
}
```

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 rgb(87, 35, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 35, 42) }
```

## Border

The CSS property to change the border of an element to HunterLab 18.4268, 15.6981, 4.5812 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 rgb(87, 35, 42) }
```



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

```
.border{ border-color:rgb(87, 35, 42) }
```

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

Here you see how a box with a 4 pixel rgb(87, 35, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 35, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 35, 42);  
box-shadow:4px 4px 4px 4px rgb(87, 35, 42)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 18.4268, 15.6981, 4.5812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 35, 42) }
```

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

```
.background{ background-color: rgb(87, 35,  
42) }
```

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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