

Converting Colors

HunterLab(23.1665, 4.6430,
5.4215)

Have a look what the booklet for
HunterLab(23.1665, 4.6430, 5.4215)
contains.

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Color

**HunterLab(23.1021, 4.7641,
5.3619)**

Conversions

Conversions Part 1

Format	Color
Hex	533C36
RGB	83, 60, 54
RGB Percent	33%, 24%, 21%
CMY	0.6745, 0.7647, 0.7882
CMYK	0.00, 0.28, 0.35, 0.67
HSL	12°, 21%, 27%
HSV	12°, 35%, 33%
XYZ	5.8490, 5.3371, 4.2119
YIQ	66.1930, 15.6340, 3.0100

Conversions

Conversions Part 2

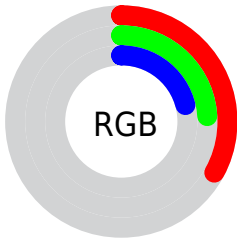
Format	Color
R_{YB}	83, 62, 54
Decimal	5454902
CIE Lab	27.67, 9.15, 7.66
CIE LCh	28, 11.933, 39.941
Yxy	5.3373, 0.3799, 0.3466
Android (android.graphics.Color)	4283644982 (0xFF533C36)
YUV	66.1930, -6.0111, 14.7397
Hunter-Lab	23.1021, 4.7641, 5.3619

Details

The HunterLab color **23.1021, 4.7641, 5.3619** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **25.9159, -5.8421, -2.8555**, and the grayscale version is **23.4256, -1.2499, 1.2728**.

A 20% lighter version of the original color is **40.5481, 5.1082, 7.0724**, and **9.2078, 3.9319, 3.8936** is the 20% darker color. If you saturate the color by 10%, you get **21.4909, 6.8014, 6.3158**, and if you desaturate by 10%, it is **24.8097, 2.8282, 4.3422**.

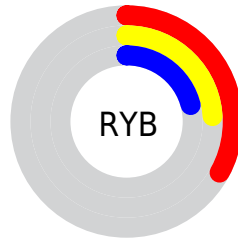
Distribution



Red (33%)

Green (24%)

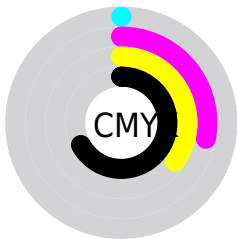
Blue (21%)



Red (33%)

Yellow (24%)

Blue (21%)

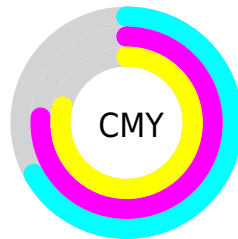


Cyan (0%)

Magenta (28%)

Yellow (35%)

Black (67%)



Cyan (67%)

Magenta (76%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.1021, 4.7641, 5.3619 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 23.1021, 4.7641, 5.3619 by changing the saturation by 10% instead.

■ 23.1021, 4.7641,
5.3619

■ 23.1021, 4.7641,
5.3619

■ 123.7052, 3.5504,
14.4357

■ 15.6413, 4.5057,
4.3443

■ 40.6692, 4.9608,
7.3356

■ 9.2177, 4.1139,
3.9469

■ 50.6166, 4.9349,
8.3181

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.2641, 4.8404,
9.3069

0.0000, NaN, NaN

■ 72.5685, 4.6846,
10.3056

0.0000, NaN, NaN

■ 84.4936, 4.4735,
11.3164

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.0086, 4.2117,

12.3411

0.0000, NaN, NaN

110.0869, 3.9029,
13.3806

■ 23.1021, 4.7641,
5.3619

■ 23.1021, 4.7641,
5.3619

■ 21.4909, 6.8014,
6.3158

■ 24.8097, 2.8282,
4.3422

■ 19.9880, 8.9369,
7.1829

■ 26.6005, 0.9948,
3.2708

■ 18.6094, 11.1512,
7.9380

■ 28.4653, -0.7434,
2.1592

■ 17.3721, 13.4073,
8.5509

■ 30.3958, -2.3945,
1.0156

■ 16.2937, 15.6439,
8.9891

■ 32.3850, -3.9674,
-0.1540

■ 15.3840, 17.7441,
9.3253

■ 34.4272, -5.4706,
-1.3455

■ 14.9848, 18.6912,
9.5608

■ 36.5175, -6.9125,
-2.5555

■ 38.6515, -8.3005,
-3.7819

■ 40.8258, -9.6411,
-5.0228

Harmonies

Analogous

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



23.1026, 6.5759, 2.4484



23.1021, 4.7641, 5.3619



23.1026, 1.3786, 6.9757

Triad

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



23.1026, 4.7632, 5.3623



23.1026, -7.8269, 3.5597



23.1026, 0.0670, -6.8735

Complementary

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



23.1021, 4.7641, 5.3619



25.9159, -5.8421, -2.8555

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.



23.1026, -3.7353, -6.4436



23.1021, 4.7641, 5.3619



23.1026, -8.1269, -0.0003

Square

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



23.1026, 4.7632, 5.3623



23.1026, -5.8272, 6.0601



23.1026, -6.6755, -3.7735



23.1026, 3.7488, -4.8661

Rectangle

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



23.1021, 4.7641, 5.3619



23.1026, -1.2263, 7.2838



23.1026, -6.6755, -3.7735



23.1026, -1.2416, -7.0161

Sweetspot

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



23.1026, 4.7632, 5.3623



35.8232, 0.2392, 3.6065



22.3965, 10.4840, -4.7012



17.6899, 0.2069, 1.8465



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



23.1026, 4.7632, 5.3623



28.3587, 8.4611, 8.0588



26.5389, -1.3652, 8.5321



13.9917, -0.0507, 1.3012



18.8047, 24.5490, 12.0171



43.9092, 62.8107, 28.1563

Inverse Universe

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



25.9159, -5.8421, -2.8555



32.8448, -8.5598, -5.0705



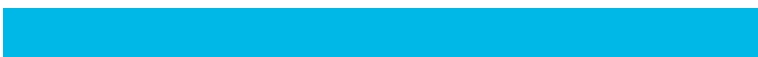
22.2053, 0.0771, -8.1670



14.3577, -1.4177, 0.2348



26.8025, -9.5211, -12.9474



63.3404, -21.4608, -32.8424

Previews

White Background



This preview shows how the HunterLab color 23.1021, 4.7641, 5.3619 looks on a white background.

Color Contrast Check

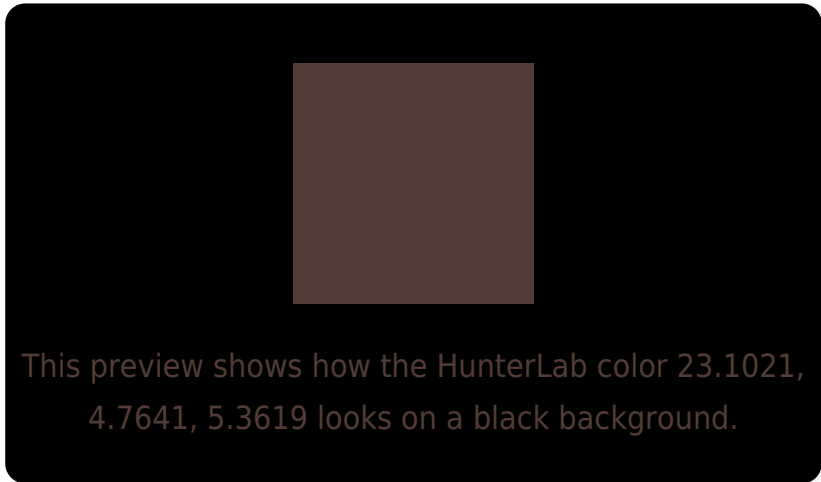
Large Text (above 18pt) WCAG AA ✓ Pass

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

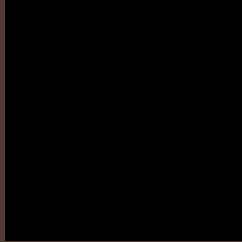
Any Text WCAG AA × Fail

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 23.1021, 4.7641, 5.3619 Background



This preview shows how black text looks on a background with the HunterLab color 23.1021, 4.7641, 5.3619.

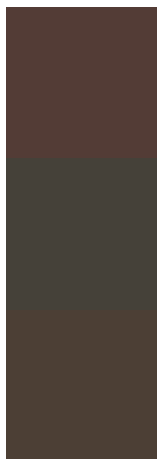


This preview shows how white text looks on a background with the HunterLab color 23.1021, 4.7641,

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

23.1021, 4.7641, 5.3619

Protanopia

23.1111, -1.1850, 4.2896

Deuteranopia

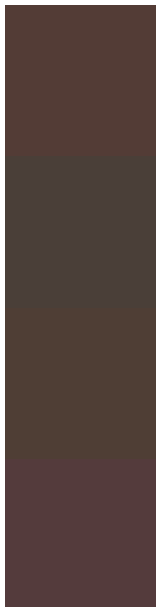
23.1269, 1.2112, 5.6370



Tritanopia

23.1768, 6.5543, 2.3661

Trichromacy



Original Color

23.1021, 4.7641, 5.3619

Protanomaly

23.0139, 0.9526, 4.5589

Deuteranomaly

23.1615, 2.5456, 5.6946

Tritanomaly

23.1063, 6.1912, 3.3769

Monochromacy



Original Color

23.1021, 4.7641, 5.3619

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

23.2213, 0.6826, 2.6846

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.1021, 4.7641, 5.3619 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(83, 60, 54)` looks like.

```
.text, #text, p{  
    color:rgb(83, 60, 54)  
}
```

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(83, 60, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 60, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 23.1021, 4.7641, 5.3619 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(83, 60, 54) }
```


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

```
.border{ border-color:rgb(83, 60, 54) }
```

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

Here you see how a box with a 4 pixel rgb(83, 60, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 60, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 60, 54);  
box-shadow:4px 4px 4px 4px rgb(83, 60, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.1021, 4.7641, 5.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 60, 54) }
```

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

```
.background{ background-color: rgb(83, 60,  
54) }
```

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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