

# Converting Colors

HunterLab(23.1110, -13.6806,  
4.9852)

Have a look what the booklet for  
HunterLab(23.1110, -13.6806,  
4.9852) contains.

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# Color

**HunterLab(23.1215,  
-13.6896, 5.0583)**

# Conversions

## Conversions Part 1

Format	Color
Hex	174A36
RGB	23, 74, 54
RGB Percent	9%, 29%, 21%
CMY	0.9098, 0.7098, 0.7882
CMYK	0.69, 0.00, 0.27, 0.71
HSL	156°, 53%, 19%
HSV	156°, 69%, 29%
XYZ	3.4680, 5.3460, 4.3391
YIQ	56.4710, -23.9760, -17.0320

# Conversions

## Conversions Part 2

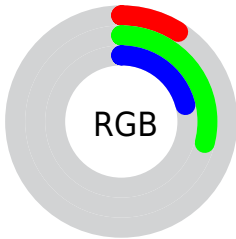
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 55, 74
Decimal	1526326
CIE <sub>Lab</sub>	27.70, -22.52, 7.03
CIE <sub>LCh</sub>	28, 23.591, 162.666
Yxy	5.3463, 0.2637, 0.4064
Android (android.graphics.Color)	4279716406 (0xFF174A36)
YUV	56.4710, -1.2182, -29.3541
Hunter-Lab	23.1215, -13.6896, 5.0583

# Details

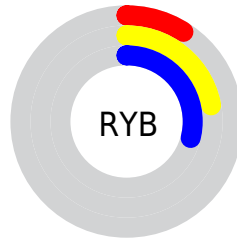
The HunterLab color **23.1215, -13.6896, 5.0583** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14.9772, 16.2974, 0.4660**, and the grayscale version is **20.0572, -1.0702, 1.0897**.

A 20% lighter version of the original color is **40.6472, -17.6467, 6.7789**, and **10.0094, -7.8015, 4.3302** is the 20% darker color. If you saturate the color by 10%, you get **22.9004, -14.7002, 5.7155**, and if you desaturate by 10%, it is **23.3971, -12.4718, 4.4219**.

# Distribution



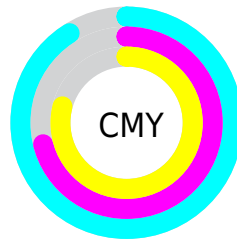
- Red (9%)
- Green (29%)
- Blue (21%)



- Red (9%)
- Yellow (22%)
- Blue (29%)



- Cyan (69%)
- Magenta (0%)
- Yellow (27%)
- Black (71%)



- Cyan (91%)
- Magenta (71%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.1215, -13.6896, 5.0583 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 23.1215, -13.6896, 5.0583 by changing the saturation by 10% instead.



■ 23.1215, -13.6896,  
5.0583

■ 23.1215, -13.6896,  
5.0583

123.7390,  
-30.2704, 13.8221

■ 15.6583, -11.3754,  
4.0950

■ 40.6926, -17.8055,  
6.9428

■ 9.2323, -11.1219,  
3.6583

■ 50.6417, -19.7122,  
7.8872

0.0000, NaN, NaN

■ 61.2909, -21.5557,  
8.8407

0.0000, NaN, NaN

■ 72.5968, -23.3527,  
9.8065

0.0000, NaN, NaN

■ 84.5234, -25.1151,  
10.7865

0.0000, NaN, NaN

■ 97.0398, -26.8514,

0.0000, NaN, NaN

0.0000, NaN, NaN

11.7819

0.0000, NaN, NaN

110.1194,  
-28.5681, 12.7936

23.1215, -13.6896,  
5.0583

23.1215, -13.6896,  
5.0583

22.9004, -14.7002,  
5.7155

23.3971, -12.4718,  
4.4219

22.7281, -15.5134,  
6.3832

23.7281, -11.0469,  
3.8132

22.5713, -16.2634,  
7.0239

24.1160, -9.4209,  
3.2390

22.5545, -16.3440,  
7.0908

24.5614, -7.6035,  
2.7047

25.0641, -5.6075,  
2.2151

■ 25.6233, -3.4476,  
1.7734

■ 26.2379, -1.1399,  
1.3819

■ 26.9064, 1.2990,  
1.0419

■ 27.6269, 3.8529,  
0.7537

# Harmonies

## Analogous

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



23.1220, -10.4003, 9.3771



23.1215, -13.6896, 5.0583



23.1220, -13.9300, -2.0316

# Triad

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



23.1220, -13.6898, 5.0585



23.1220, 2.0864, -17.0260



23.1220, 10.6320, 8.8872

# Complementary

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



23.1215, -13.6896, 5.0583



14.9772, 16.2974, 0.4660

# 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.



23.1220, 14.9746, 4.1267



23.1215, -13.6896, 5.0583



23.1220, 9.6261, -11.6074

# Square

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



23.1220, -13.6898, 5.0585



23.1220, -5.4647, -16.5248



23.1220, 14.5842, -3.3208



23.1220, 3.3225, 11.0411



# Rectangle

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



23.1215, -13.6896, 5.0583



23.1220, -12.3808, -7.6601



23.1220, 14.5842, -3.3208



23.1220, 12.5274, 7.6195

# Sweetspot

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



23.1220, -13.6898, 5.0585



32.8786, -8.1888, 3.1047



23.4135, -13.4005, 12.1398



16.4671, -4.2780, 1.5987



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422



# Same Dimension

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



23.1220, -13.6898, 5.0585



30.0518, -20.2079, 8.1894



22.1827, -8.9539, -3.8045



13.7172, -1.8191, 0.9441



31.3856, -22.9571, 10.3287



76.2852, -56.6228, 26.8825



# Inverse Universe

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



14.9772, 16.2974, 0.4660



17.7036, 25.9385, 1.9930



15.3398, 12.6781, 6.5409



13.0853, 0.4289, 0.5352



17.2569, 30.4407, 4.2690

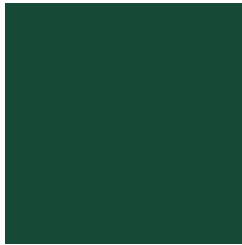


41.8074, 73.3622, 13.3273



# Previews

## White Background



This preview shows how the HunterLab color 23.1215, -13.6896, 5.0583 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

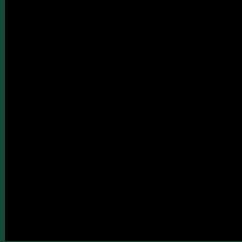
Any Text WCAG AA × Fail

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 23.1215, -13.6896, 5.0583 Background



This preview shows how black text looks on a background with the HunterLab color 23.1215, -13.6896, 5.0583.



This preview shows how white text looks on a background with the HunterLab color 23.1215,

-13.6896, 5.0583.

# 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

23.1215, -13.6896, 5.0583

### Protanopia

23.0499, -1.6804, 6.4118

### Deuteranopia

23.1006, 1.2457, 4.6537



## Tritanopia

23.1287, -8.1501, -3.8895

# Trichromacy



## Original Color

23.1215, -13.6896, 5.0583

## Protanomaly

22.6498, -7.0667, 5.6345

## Deuteranomaly

22.6515, -5.5372, 4.4001

## Tritanomaly

23.0773, -10.2329, -0.4242

# Monochromacy



## Original Color

23.1215, -13.6896, 5.0583

## Achromatopsia

19.8862, -1.0611, 1.0805

## Achromatomaly

20.8957, -6.6196, 2.5043

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 23.1215, -13.6896, 5.0583 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(23, 74, 54)` looks like.

```
.text, #text, p{  
    color:rgb(23, 74, 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(23, 74, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 74, 54) }
```

## Border

The CSS property to change the border of an element to HunterLab 23.1215, -13.6896, 5.0583 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(23, 74, 54) }
```



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

```
.border{ border-color:rgb(23, 74, 54) }
```

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

Here you see how a box with a 4 pixel rgb(23, 74, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 74, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 74, 54);  
box-shadow:4px 4px 4px 4px rgb(23, 74, 54)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 23.1215, -13.6896, 5.0583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 74, 54) }
```

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

```
.background{ background-color: rgb(23, 74,  
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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