

Converting Colors

HunterLab(23.6304, -14.3229,
3.2330)

Have a look what the booklet for
HunterLab(23.6304, -14.3229,
3.2330) contains.

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Color

**HunterLab(23.6304,
-14.3229, 3.2330)**

Conversions

Conversions Part 1

Format	Color
Hex	0C4C3D
RGB	12, 76, 61
RGB Percent	5%, 30%, 24%
CMY	0.9529, 0.7020, 0.7608
CMYK	0.84, 0.00, 0.20, 0.70
HSL	166°, 73%, 17%
HSV	166°, 84%, 30%
XYZ	3.5784, 5.5840, 5.3041
YIQ	55.1540, -33.3290, -18.2330

Conversions

Conversions Part 2

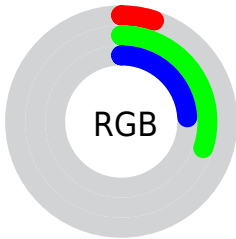
Format	Color
RYB	12, 48, 76
Decimal	805949
CIELab	28.34, -23.53, 3.40
CIELCh	28, 23.776, 171.776
Yxy	5.5842, 0.2474, 0.3860
Android (android.graphics.Color)	4278996029 (0xFF0C4C3D)
YUV	55.1540, 2.8821, -37.8461
Hunter-Lab	23.6304, -14.3229, 3.2330

Details

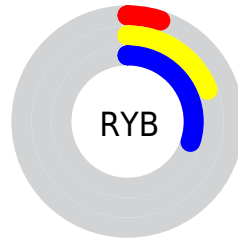
The HunterLab color **23.6304, -14.3229, 3.2330** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **13.7066, 19.1189, 4.2945**, and the grayscale version is **19.5975, -1.0457, 1.0648**.

A 20% lighter version of the original color is **41.1622, -18.4557, 4.6054**, and **10.3925, -7.2964, 2.7612** is the 20% darker color. If you saturate the color by 10%, you get **23.4851, -14.9929, 3.6876**, and if you desaturate by 10%, it is **23.8120, -13.5142, 2.8064**.

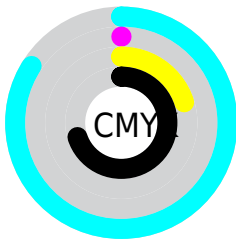
Distribution



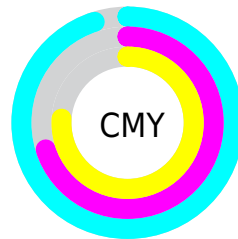
- Red (5%)
- Green (30%)
- Blue (24%)



- Red (5%)
- Yellow (19%)
- Blue (30%)



- Cyan (84%)
- Magenta (0%)
- Yellow (20%)
- Black (70%)



- Cyan (95%)
- Magenta (70%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6304, -14.3229, 3.2330 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 23.6304, -14.3229, 3.2330 by changing the saturation by 10% instead.

■ 23.6304, -14.3229,
3.2330

■ 23.6304, -14.3229,
3.2330

124.6270,
-31.4013, 10.2763

■ 16.1057, -11.9309,
2.5676

■ 41.3063, -18.5750,
4.6268

■ 9.6105, -11.1921,
1.9936

■ 51.3016, -20.5423,
5.3597

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.9939, -22.4427,
6.1176

0.0000, NaN, NaN

■ 73.3405, -24.2934,
6.9006

0.0000, NaN, NaN

■ 85.3056, -26.1066,
7.7083

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.8588, -27.8913,

■ 110.9736,
-29.6545, 9.3966

■ 23.6304, -14.3229,
3.2330

■ 23.6304, -14.3229,
3.2330

■ 23.4851, -14.9929,
3.6876

■ 23.8120, -13.5142,
2.8064

■ 23.4018, -15.3776,
3.9456

■ 24.0447, -12.5064,
2.4284

■ 24.3318, -11.2955,
2.1056

■ 24.6754, -9.8827,
1.8427

■ 25.0765, -8.2737,
1.6433

■ 25.5355, -6.4777,
1.5095

■ 26.0522, -4.5070,
1.4422

■ 26.6258, -2.3756,
1.4414

■ 27.2552, -0.0987,
1.5058

Harmonies

Analogous

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



23.6309, -11.9059, 8.5075



23.6304, -14.3229, 3.2330



23.6309, -13.6143, -4.6270

Triad

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



23.6309, -14.3231, 3.2333



23.6309, 4.5490, -16.1178



23.6309, 8.7274, 9.9589

Complementary

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



23.6304, -14.3229, 3.2330



13.7066, 19.1189, 4.2945

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.



23.6309, 14.3008, 5.9810



23.6304, -14.3229, 3.2330



23.6309, 11.6794, -9.3247

Square

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



23.6309, -14.3231, 3.2333



23.6309, -3.3648, -17.5833



23.6309, 15.4458, -0.8419



23.6309, 0.9167, 11.4826

Rectangle

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



23.6304, -14.3229, 3.2330



23.6309, -11.4180, -10.2976



23.6309, 15.4458, -0.8419



23.6309, 10.9643, 8.9402

Sweetspot

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



23.6309, -14.3231, 3.2333



33.6004, -8.9829, 2.0173



23.3292, -16.8785, 13.1957



17.1637, -4.8436, 1.0496



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



23.6309, -14.3231, 3.2333



30.8755, -20.4198, 5.4888



19.5752, -6.2427, -8.7574



13.7311, -1.7423, 0.7467



31.7082, -20.9818, 5.6612



77.0965, -51.6489, 15.1312

Inverse Universe

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



13.7066, 19.1189, 4.2945



16.5565, 28.7347, 7.7436



15.4717, 12.8697, 8.4256



13.0714, 0.3536, 0.7341



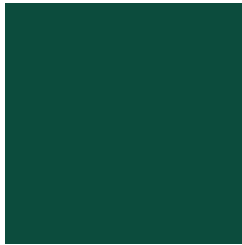
17.0010, 29.5004, 7.9963



41.2369, 71.2605, 21.6763

Previews

White Background



This preview shows how the HunterLab color 23.6304, -14.3229, 3.2330 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

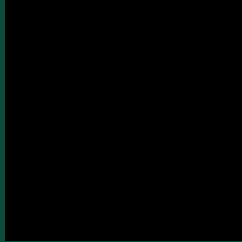
Any Text WCAG AA × Fail

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 23.6304, -14.3229, 3.2330 Background



This preview shows how black text looks on a background with the HunterLab color 23.6304, -14.3229, 3.2330.



This preview shows how white text looks on a background with the HunterLab color 23.6304,

-14.3229, 3.2330.

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

23.6304, -14.3229, 3.2330

Protanopia

23.6684, -1.8502, 5.1797

Deuteranopia

23.7626, 1.3631, 2.5638



Tritanopia

23.5293, -9.3538, -4.3047

Trichromacy



Original Color

23.6304, -14.3229, 3.2330

Protanomaly

23.1058, -7.8303, 3.8288

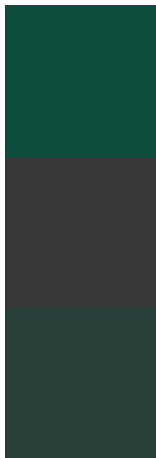
Deuteranomaly

23.1197, -6.1679, 2.0784

Tritanomaly

23.4823, -11.3952, -1.2096

Monochromacy



Original Color

23.6304, -14.3229, 3.2330

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

20.6924, -7.2899, 1.5317

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.6304, -14.3229, 3.2330 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(12, 76, 61)` looks like.

```
.text, #text, p{  
    color:rgb(12, 76, 61)  
}
```

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(12, 76, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 76, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 23.6304, -14.3229, 3.2330 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(12, 76, 61) }
```


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

```
.border{ border-color:rgb(12, 76, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 76, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 76, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 76, 61);  
box-shadow:4px 4px 4px 4px rgb(12, 76, 61)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.6304, -14.3229, 3.2330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 76, 61) }
```

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

```
.background{ background-color: rgb(12, 76,  
61) }
```

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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