

Converting Colors

HunterLab(32.1456, -23.2497,
16.9977)

Have a look what the booklet for
HunterLab(32.1456, -23.2497,
16.9977) contains.

HunterLab(32.2380, -23.4130, 17.0709)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(32.2380,
-23.4130, 17.0709)**

Conversions

Conversions Part 1

Format	Color
Hex	25681F
RGB	37, 104, 31
RGB Percent	15%, 41%, 12%
CMY	0.8549, 0.5921, 0.8784
CMYK	0.64, 0.00, 0.70, 0.59
HSL	115°, 54%, 26%
HSV	115°, 70%, 41%
XYZ	5.9606, 10.3929, 2.9882
YIQ	75.6450, -16.4990, -36.9070

Conversions

Conversions Part 2

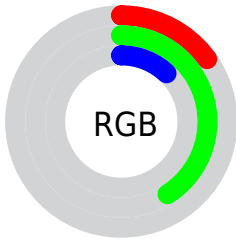
Format	Color
R_{YB}	31, 104, 98
Decimal	2451487
CIE Lab	38.54, -36.43, 33.70
CIE LCh	39, 49.631, 137.226
Yxy	10.3933, 0.3082, 0.5373
Android (android.graphics.Color)	4280641567 (0xFF25681F)
YUV	75.6450, -22.0100, -33.8917
Hunter-Lab	32.2380, -23.4130, 17.0709

Details

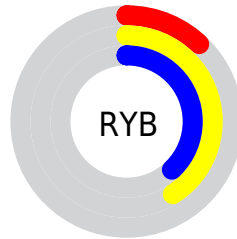
The HunterLab color **32.2380, -23.4130, 17.0709** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **21.3928, 29.5335, -22.5998**, and the grayscale version is **26.8374, -1.4320, 1.4581**.

A 20% lighter version of the original color is **51.5418, -29.1968, 22.7396**, and **16.8177, -14.4212, 10.1105** is the 20% darker color. If you saturate the color by 10%, you get **31.9265, -24.8619, 17.9558**, and if you desaturate by 10%, it is **32.6460, -21.5392, 15.8620**.

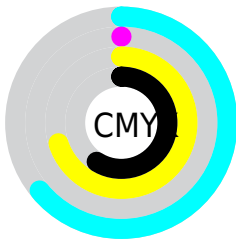
Distribution



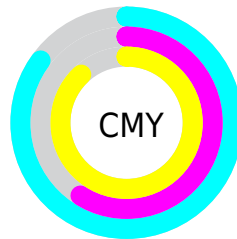
- Red (15%)
- Green (41%)
- Blue (12%)



- Red (12%)
- Yellow (41%)
- Blue (38%)



- Cyan (64%)
- Magenta (0%)
- Yellow (70%)
- Black (59%)



- Cyan (85%)
- Magenta (59%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 32.2380, -23.4130, 17.0709 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 32.2380, -23.4130, 17.0709 by changing the saturation by 10% instead.

■ 32.2380, -23.4130,
17.0709

■ 32.2380, -23.4130,
17.0709

139.0887,
-46.4518, 39.2979

■ 23.7918, -20.1654,
13.9411

■ 51.5099, -29.2356,
22.7050

■ 16.2474, -16.5559,
11.3732

■ 62.2158, -31.9225,
25.3029

■ 9.7298, -16.8587,
6.8109

■ 73.5752, -34.5051,
27.7967

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 85.5524, -37.0053,
30.2077

0.0000, NaN, NaN

■ 98.1171, -39.4390,
32.5521

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 111.2430,

-41.8186, 34.8425

0.0000, NaN, NaN

124.9070,
-44.1537, 37.0884

32.2380, -23.4130,
17.0709

32.2380, -23.4130,
17.0709

31.9265, -24.8619,
17.9558

32.6460, -21.5392,
15.8620

31.7035, -25.8986,
18.5343

33.1521, -19.2389,
14.3227

31.5534, -26.6079,
18.9773

33.7591, -16.5249,
12.4575

34.4675, -13.4190,
10.2793

35.2764, -9.9507,
7.8074

■ 36.1839, -6.1541,
5.0657

■ 37.1872, -2.0658,
2.0806

■ 38.2827, 2.2771,
-1.1203

■ 39.4665, 6.8387,
-4.5099

Harmonies

Analogous

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



32.2387, -11.3530, 20.0294



32.2380, -23.4130, 17.0709



32.2387, -29.0280, 8.2238

Triad

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



32.2387, -23.4135, 17.0711



32.2387, -9.0294, -49.7650



32.2387, 38.4870, 10.0681

Complementary

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



32.2380, -23.4130, 17.0709



21.3928, 29.5335, -22.5998

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.



32.2387, 39.4964, -6.4147



32.2380, -23.4130, 17.0709



32.2387, 9.1920, -48.2552

Square

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



32.2387, -23.4135, 17.0711



32.2387, -22.0358, -33.0169



32.2387, 27.8511, -29.6043



32.2387, 25.3379, 17.7831

Rectangle

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



32.2380, -23.4130, 17.0709



32.2387, -29.3935, -2.6717



32.2387, 27.8511, -29.6043



32.2387, 40.3455, 5.6310

Sweetspot

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



32.2387, -23.4135, 17.0711



46.5662, -13.8506, 10.8219



34.2962, -6.3240, 18.7811



22.8927, -7.3021, 5.6749



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



32.2387, -23.4135, 17.0711



42.0914, -33.8402, 24.3015



32.4559, -21.7681, 11.4445



17.7550, -2.7592, 2.2953



35.0219, -29.5848, 21.0624



79.8755, -68.0179, 48.0281

Inverse Universe

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



21.3928, 29.5335, -22.5998



25.9522, 45.6592, -35.7021



21.0051, 26.3072, -4.6770



16.9652, 0.9797, -0.4746



20.6272, 41.2976, -32.9711



46.9149, 94.0396, -75.8568

Previews

White Background



This preview shows how the HunterLab color 32.2380, -23.4130, 17.0709 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 × Fail

Black Background



This preview shows how the HunterLab color 32.2380, -23.4130, 17.0709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

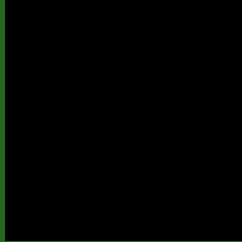
Any Text WCAG AA × Fail

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 32.2380, -23.4130, 17.0709 Background



This preview shows how black text looks on a background with the HunterLab color 32.2380, -23.4130, 17.0709.



This preview shows how white text looks on a background with the HunterLab color 32.2380,

-23.4130, 17.0709.

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

32.2380, -23.4130, 17.0709

Protanopia

32.1372, -4.5531, 17.8101

Deuteranopia

31.9905, 1.7330, 16.4988



Tritanopia

32.2204, -9.8497, -4.9111

Trichromacy



Original Color

32.2380, -23.4130, 17.0709

Protanomaly

31.7321, -13.1489, 17.2703

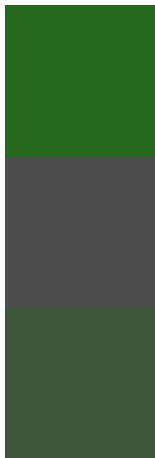
Deuteranomaly

31.4346, -9.7871, 16.1994

Tritanomaly

32.0824, -16.3560, 6.1624

Monochromacy



Original Color

32.2380, -23.4130, 17.0709

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

28.2948, -10.8443, 8.2873

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 32.2380, -23.4130, 17.0709 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(37, 104, 31)` looks like.

```
.text, #text, p{  
    color:rgb(37, 104, 31)  
}
```

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(37, 104, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 104, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 32.2380, -23.4130, 17.0709 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(37, 104, 31) }
```


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

```
.border{ border-color:rgb(37, 104, 31) }
```

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

Here you see how a box with a 4 pixel rgb(37, 104, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 104, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 104, 31);  
box-shadow:4px 4px 4px 4px rgb(37, 104,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 32.2380, -23.4130, 17.0709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 104, 31) }
```

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

```
.background{ background-color: rgb(37, 104,  
31) }
```

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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