

Converting Colors

HunterLab(30.7342, -22.5955,
17.6765)

Have a look what the booklet for
HunterLab(30.7342, -22.5955,
17.6765) contains.

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Color

**HunterLab(30.5802,
-22.5144, 17.5730)**

Conversions

Conversions Part 1

Format	Color
Hex	25630F
RGB	37, 99, 15
RGB Percent	15%, 39%, 6%
CMY	0.8549, 0.6118, 0.9412
CMYK	0.63, 0.00, 0.85, 0.61
HSL	104°, 74%, 22%
HSV	104°, 85%, 39%
XYZ	5.3110, 9.3515, 1.9770
YIQ	70.8860, -9.9880, -39.2680

Conversions

Conversions Part 2

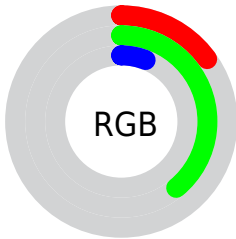
Format	Color
RYB	15, 99, 77
Decimal	2450191
CIELab	36.65, -35.80, 38.21
CIELCh	37, 52.360, 133.131
Yxy	9.3519, 0.3192, 0.5620
Android (android.graphics.Color)	4280640271 (0xFF25630F)
YUV	70.8860, -27.5518, -29.7180
Hunter-Lab	30.5802, -22.5144, 17.5730

Details

The HunterLab color $[30.5802, -22.5144, 17.5730]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[16.7949, 28.8960, -30.8194]$, and the grayscale version is $[25.1590, -1.3424, 1.3669]$.

A 20% lighter version of the original color is $[49.6993, -28.5513, 23.9758]$, and $[15.3872, -13.1945, 9.2505]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.3425, -23.5882, 17.9976]$, and if you desaturate by 10%, it is $[30.8807, -21.1602, 16.9027]$.

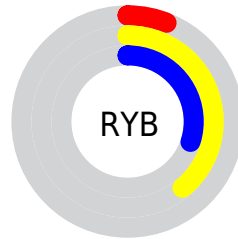
Distribution



Red (15%)

Green (39%)

Blue (6%)



Red (6%)

Yellow (39%)

Blue (30%)

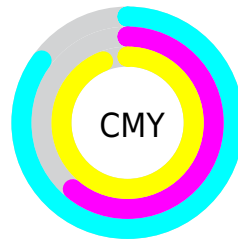


Cyan (63%)

Magenta (0%)

Yellow (85%)

Black (61%)



Cyan (85%)

Magenta (61%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.5802, -22.5144, 17.5730 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 30.5802, -22.5144, 17.5730 by changing the saturation by 10% instead.

■ 30.5802, -22.5144,
17.5730

■ 30.5802, -22.5144,
17.5730

136.3751,
-45.3866, 42.4125

■ 22.2967, -19.2641,
14.1685

■ 49.5672, -28.3149,
23.9574

■ 14.9348, -15.6307,
10.4544

■ 60.1454, -30.9844,
26.8817

■ 8.5822, -15.0189,
6.0076

■ 71.3844, -33.5475,
29.6760

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.2475, -36.0270,
32.3660

0.0000, NaN, NaN

■ 95.7035, -38.4393,
34.9710


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 108.7254,


-40.7972, 37.5062


0.0000, NaN, NaN


 122.2896,
-43.1104, 39.9835


 30.5802, -22.5144,
17.5730


 30.5802, -22.5144,
17.5730


 30.3425, -23.5882,
17.9976


 30.8807, -21.1602,
16.9027

 30.2369, -24.0699,
18.2104

 31.2476, -19.5008,
15.9250

 31.6839, -17.5368,
14.6264

 32.1907, -15.2751,
13.0023

 32.7683, -12.7280,
11.0556

■ 33.4163, -9.9122,
8.7953

■ 34.1338, -6.8474,
6.2351

■ 34.9193, -3.5551,
3.3924

■ 35.7710, -0.0577,
0.2866

Harmonies

Analogous

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



30.5808, -9.3710, 19.7524



30.5802, -22.5144, 17.5730



30.5808, -28.9692, 10.0109

Triad

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



30.5808, -22.5149, 17.5731



30.5808, -11.3719, -52.3885



30.5808, 41.7831, 8.4524

Complementary

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



30.5802, -22.5144, 17.5730



16.7949, 28.8960, -30.8194

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.



30.5808, 40.8766, -10.0000



30.5802, -22.5144, 17.5730



30.5808, 6.9594, -53.7865

Square

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



30.5808, -22.5149, 17.5731



30.5808, -23.6753, -32.1087



30.5808, 26.9927, -35.2312



30.5808, 29.2336, 17.0201

Rectangle

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



30.5802, -22.5144, 17.5730



30.5808, -29.8638, -0.2604



30.5808, 26.9927, -35.2312



30.5808, 43.1171, 3.4720

Sweetspot

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



30.5808, -22.5149, 17.5731



43.6889, -13.3158, 11.7923



28.1772, 0.4709, 16.4197



21.1992, -6.9279, 6.1036



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



30.5808, -22.5149, 17.5731



39.5449, -31.7666, 23.8113



30.2401, -23.6626, 15.1622



16.9848, -2.4060, 2.2410



34.4954, -27.5921, 20.7729



79.4939, -64.7741, 47.8498

Inverse Universe

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



16.7949, 28.8960, -30.8194



19.8268, 41.7481, -47.6074



18.8810, 30.7033, -11.2985



16.1179, 0.6934, -0.5224



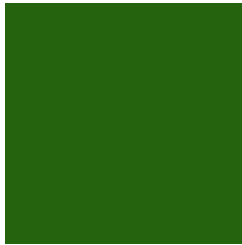
17.3352, 36.4610, -41.3090



39.5127, 83.5432, -97.5405

Previews

White Background



This preview shows how the HunterLab color 30.5802, -22.5144, 17.5730 looks on a white background.

Color Contrast Check

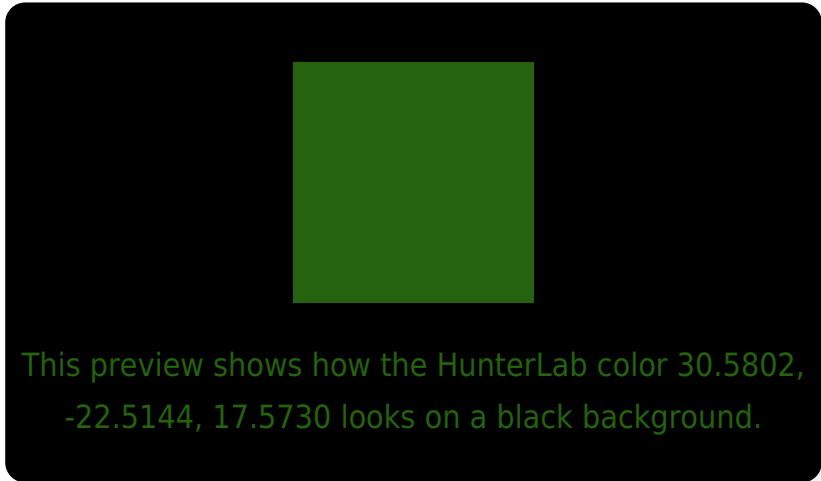
Large Text (above 18pt) WCAG AA ✓ Pass

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

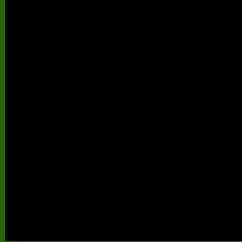
Any Text WCAG AA × Fail

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 30.5802, -22.5144, 17.5730 Background



This preview shows how black text looks on a background with the HunterLab color 30.5802, -22.5144, 17.5730.



This preview shows how white text looks on a background with the HunterLab color 30.5802,

-22.5144, 17.5730.

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

30.5802, -22.5144, 17.5730

Protanopia

30.3663, -4.2462, 18.0191

Deuteranopia

30.4843, 1.5599, 17.0228



Tritanopia

30.5919, -8.9066, -4.6721

Trichromacy



Original Color

30.5802, -22.5144, 17.5730

Protanomaly

30.0076, -12.6043, 17.5826

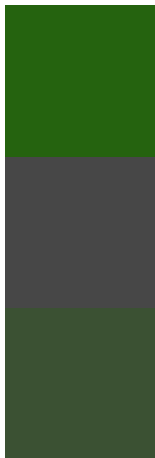
Deuteranomaly

29.7110, -9.3097, 16.7290

Tritanomaly

30.4014, -15.7116, 7.4779

Monochromacy



Original Color

30.5802, -22.5144, 17.5730

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

26.5588, -10.5638, 9.1886

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.5802, -22.5144, 17.5730 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, 99, 15)` looks like.

```
.text, #text, p{  
    color:rgb(37, 99, 15)  
}
```

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, 99, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 99, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 30.5802, -22.5144, 17.5730 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, 99, 15) }
```


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

```
.border{ border-color:rgb(37, 99, 15) }
```

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

Here you see how a box with a 4 pixel rgb(37, 99, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 99, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 99, 15);  
box-shadow:4px 4px 4px 4px rgb(37, 99, 15)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.5802, -22.5144, 17.5730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 99, 15) }
```

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

```
.background{ background-color: rgb(37, 99,  
15) }
```

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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