

Converting Colors

HunterLab(35.0557, -23.4786,
17.5477)

Have a look what the booklet for
HunterLab(35.0557, -23.4786,
17.5477) contains.

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Color

**HunterLab(34.9488,
-23.2743, 17.4117)**

Conversions

Conversions Part 1

Format	Color
Hex	326F2A
RGB	50, 111, 42
RGB Percent	20%, 44%, 16%
CMY	0.8039, 0.5647, 0.8353
CMYK	0.55, 0.00, 0.62, 0.56
HSL	113°, 45%, 30%
HSV	113°, 62%, 44%
XYZ	7.4178, 12.2142, 4.1571
YIQ	84.8950, -14.2070, -34.3910

Conversions

Conversions Part 2

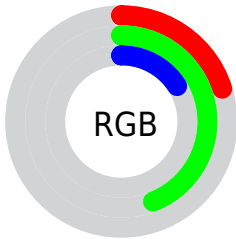
Format	Color
R_{YB}	42, 111, 103
Decimal	3305258
CIE _{Lab}	41.56, -34.41, 31.89
CIE _{LCh}	42, 46.911, 137.178
Yxy	12.2147, 0.3118, 0.5134
Android (android.graphics.Color)	4281495338 (0xFF326F2A)
YUV	84.8950, -21.1472, -30.6029
Hunter-Lab	34.9488, -23.2743, 17.4117

Details

The HunterLab color $[34.9488, -23.2743, 17.4117]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[23.8487, 27.8076, -22.2075]$, and the grayscale version is $[30.1808, -1.6104, 1.6398]$.

A 20% lighter version of the original color is $[54.5503, -28.6375, 22.5990]$, and $[18.5614, -15.9164, 11.1588]$ is the 20% darker color. If you saturate the color by 10%, you get $[34.5292, -25.2057, 18.6212]$, and if you desaturate by 10%, it is $[35.4715, -20.9019, 15.8410]$.

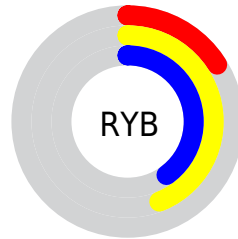
Distribution



Red (20%)

Green (44%)

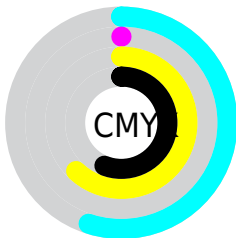
Blue (16%)



Red (16%)

Yellow (44%)

Blue (40%)

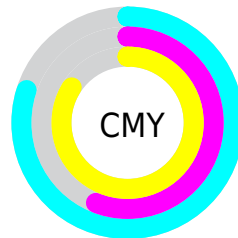


Cyan (55%)

Magenta (0%)

Yellow (62%)

Black (56%)



Cyan (80%)

Magenta (56%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.9488, -23.2743, 17.4117 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 34.9488, -23.2743, 17.4117 by changing the saturation by 10% instead.

■ 34.9488, -23.2743,
17.4117

■ 34.9488, -23.2743,
17.4117

143.4648,
-45.0676, 38.4515

■ 26.2489, -20.2745,
14.5071

■ 54.6677, -28.7127,
22.6811

■ 18.4213, -16.9773,
11.7073

■ 65.5748, -31.2423,
25.1278

■ 11.5777, -14.4651,
8.1044

■ 77.1240, -33.6833,
27.4855

■ 4.1495, -7.2617,
2.9047

■ 89.2814, -36.0542,
29.7726

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 102.0179,
-38.3686, 32.0031

0.0000, NaN, NaN

■ 115.3084,

0.0000, NaN, NaN

-40.6371, 34.1877

0.0000, NaN, NaN

129.1306,
-42.8679, 36.3349

■ 34.9488, -23.2743,
17.4117

■ 34.9488, -23.2743,
17.4117

■ 34.5292, -25.2057,
18.6212

■ 35.4715, -20.9019,
15.8410

■ 34.2065, -26.6960,
19.4794

■ 36.0973, -18.0974,
13.9095

■ 33.9752, -27.7634,
20.0133

■ 36.8277, -14.8824,
11.6282

■ 33.8437, -28.3788,
20.3575

■ 37.6620, -11.2855,
9.0152

■ 38.5984, -7.3405,
6.0942

■ 39.6342, -3.0844,
2.8923

■ 40.7660, 1.4452,
-0.5616

■ 41.9899, 6.2113,
-4.2386

■ 43.3016, 11.1793,
-8.1107

Harmonies

Analogous

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



34.9495, -11.2567, 20.7445



34.9488, -23.2743, 17.4117



34.9495, -28.9894, 8.2845

Triad

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



34.9495, -23.2749, 17.4119



34.9495, -9.0226, -45.8893



34.9495, 36.4254, 10.0948

Complementary

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



34.9488, -23.2743, 17.4117



23.8487, 27.8076, -22.2075

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.



34.9495, 37.3508, -5.9696



34.9488, -23.2743, 17.4117



34.9495, 8.6330, -44.5542

Square

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



34.9495, -23.2749, 17.4119



34.9495, -21.9177, -30.6457



34.9495, 26.3853, -27.5848



34.9495, 24.0618, 18.1748

Rectangle

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



34.9488, -23.2743, 17.4117



34.9495, -29.3705, -2.3368



34.9495, 26.3853, -27.5848



34.9495, 38.1597, 5.6692

Sweetspot

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



34.9495, -23.2749, 17.4119



50.7147, -13.7491, 11.0688



36.3839, -5.6860, 18.7502



24.7242, -7.3064, 5.8428



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



34.9495, -23.2749, 17.4119



45.9779, -34.7747, 25.5353



35.0494, -22.1376, 11.8357



19.4424, -3.0135, 2.5553



36.7279, -30.8469, 22.0915



81.8488, -69.3800, 49.2202

Inverse Universe

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



23.8487, 27.8076, -22.2075



28.8109, 45.0341, -36.8774



23.8422, 25.7002, -5.9995



18.5333, 1.0667, -0.5714



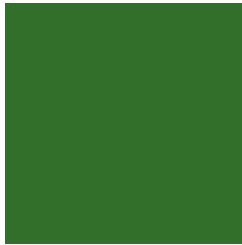
21.0094, 42.4163, -36.3231



46.6337, 94.3080, -81.8513

Previews

White Background



This preview shows how the HunterLab color 34.9488, -23.2743, 17.4117 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 34.9488, -23.2743, 17.4117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

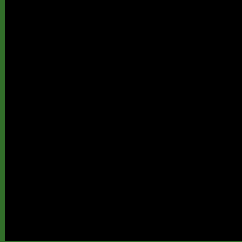
Any Text WCAG AA × Fail

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 34.9488, -23.2743, 17.4117 Background



This preview shows how black text looks on a background with the HunterLab color 34.9488, -23.2743, 17.4117.



This preview shows how white text looks on a background with the HunterLab color 34.9488,

-23.2743, 17.4117.

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

34.9488, -23.2743, 17.4117

Protanopia

34.8231, -4.4315, 18.2582

Deuteranopia

34.6800, 1.9661, 16.8063



Tritanopia

34.9203, -9.7135, -4.6793

Trichromacy



Original Color

34.9488, -23.2743, 17.4117

Protanomaly

34.5278, -12.6502, 17.7584

Deuteranomaly

34.2589, -9.1516, 16.6534

Tritanomaly

34.8772, -15.7847, 5.8865

Monochromacy



Original Color

34.9488, -23.2743, 17.4117

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

31.3254, -10.6615, 8.4595

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.9488, -23.2743, 17.4117 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(50, 111, 42)` looks like.

```
.text, #text, p{  
    color:rgb(50, 111, 42)  
}
```

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(50, 111, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 111, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 34.9488, -23.2743, 17.4117 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(50, 111, 42) }
```


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

```
.border{ border-color:rgb(50, 111, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 111, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 111, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 111, 42);  
box-shadow:4px 4px 4px 4px rgb(50, 111,  
42) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.9488, -23.2743, 17.4117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 111, 42) }
```

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

```
.background{ background-color: rgb(50, 111,  
42) }
```

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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