

Converting Colors

HunterLab(42.5174, -23.7273,
23.9341)

Have a look what the booklet for
HunterLab(42.5174, -23.7273,
23.9341) contains.

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Color

**HunterLab(42.4766,
-23.6218, 23.9509)**

Conversions

Conversions Part 1

Format	Color
Hex	56821F
RGB	86, 130, 31
RGB Percent	34%, 51%, 12%
CMY	0.6627, 0.4902, 0.8784
CMYK	0.34, 0.00, 0.76, 0.49
HSL	87°, 61%, 32%
HSV	87°, 76%, 51%
XYZ	12.0677, 18.0426, 4.1429
YIQ	105.5580, 5.5550, -40.1170

Conversions

Conversions Part 2

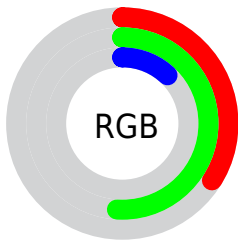
Format	Color
R_{YB}	31, 130, 75
Decimal	5669407
CIE _{Lab}	49.55, -31.23, 45.74
CIE _{LCh}	50, 55.389, 124.322
Yxy	18.0434, 0.3523, 0.5267
Android (android.graphics.Color)	4283859487 (0xFF56821F)
YUV	105.5580, -36.7571, -17.1524
Hunter-Lab	42.4766, -23.6218, 23.9509

Details

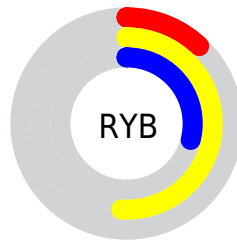
The HunterLab color $42.4766, -23.6218, 23.9509$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $20.2190, 30.1382, -48.9459$, and the grayscale version is $37.9309, -2.0239, 2.0609$.

A 20% lighter version of the original color is $63.2301, -28.3834, 30.7915$, and $24.6524, -17.5941, 14.8827$ is the 20% darker color. If you saturate the color by 10%, you get $42.1009, -25.2612, 24.6940$, and if you desaturate by 10%, it is $42.9090, -21.7216, 22.7669$.

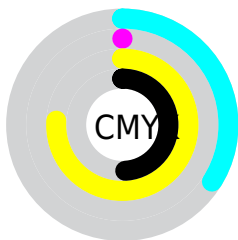
Distribution



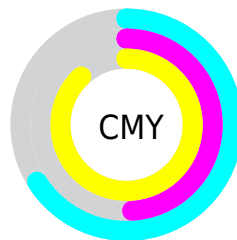
- Red (34%)
- Green (51%)
- Blue (12%)



- Red (12%)
- Yellow (51%)
- Blue (29%)



- Cyan (34%)
- Magenta (0%)
- Yellow (76%)
- Black (49%)



- Cyan (66%)
- Magenta (49%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.4766, -23.6218, 23.9509 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 42.4766, -23.6218, 23.9509 by changing the saturation by 10% instead.

■ 42.4766, -23.6218,
23.9509

■ 42.4766, -23.6218,
23.9509

155.2790,
-43.4199, 51.4956

■ 33.1378, -21.0251,
20.1472

■ 63.3335, -28.4375,
30.9101

■ 24.6052, -18.2348,
16.3474

■ 74.7567, -30.7136,
34.1418

■ 16.9648, -15.1621,
11.8754

■ 86.7945, -32.9274,
37.2472

■ 10.3363, -13.9036,
7.2354

■ 99.4170, -35.0918,
40.2477

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.5982,
-37.2163, 43.1602

0.0000, NaN, NaN

■ 126.3153,

0.0000, NaN, NaN

-39.3087, 45.9987

0.0000, NaN, NaN

140.5483,
-41.3749, 48.7741

42.4766, -23.6218,
23.9509

42.4766, -23.6218,
23.9509

42.1009, -25.2612,
24.6940

42.9090, -21.7216,
22.7669

41.7738, -26.6620,
25.0701

43.3976, -19.5511,
21.1099

41.6560, -27.1679,
25.1926

43.9451, -17.1102,
18.9605

44.5523, -14.4022,
16.3087

45.2196, -11.4342,
13.1526

■ 45.9472, -8.2160,
9.4972

■ 46.7345, -4.7597,
5.3529

■ 47.5808, -1.0788,
0.7349

■ 48.4851, 2.8119,
-4.3382

Harmonies

Analogous

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



42.4775, -5.4162, 26.0690



42.4766, -23.6218, 23.9509



42.4775, -34.1159, 16.3352

Triad

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



42.4775, -23.6228, 23.9511



42.4775, -19.1183, -52.4388



42.4775, 48.7953, 5.2401

Complementary

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



42.4766, -23.6218, 23.9509



20.2190, 30.1382, -48.9459

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.



42.4775, 43.0764, -19.1312



42.4766, -23.6218, 23.9509



42.4775, 0.9731, -60.7412

Square

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



42.4775, -23.6228, 23.9511



42.4775, -31.9115, -27.2827



42.4775, 24.3686, -46.2831



42.4775, 38.7088, 19.3423

Rectangle

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



42.4766, -23.6218, 23.9509



42.4775, -36.7524, 6.1107



42.4775, 24.3686, -46.2831



42.4775, 48.6704, -1.8732

Sweetspot

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



42.4775, -23.6228, 23.9511



60.2539, -14.0818, 16.2417



31.1924, 13.4891, 16.9923



28.5298, -7.3043, 8.3977



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



42.4775, -23.6228, 23.9511



55.5638, -34.8302, 33.1403



40.5827, -31.3671, 22.5635



22.1975, -2.7670, 3.1588



40.7938, -26.5819, 24.6716

0.0000, NaN, NaN

Inverse Universe

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



20.2190, 30.1382, -48.9459



22.4348, 47.1100, -83.6421



26.1394, 41.2934, -31.0752



20.7315, 0.5378, -0.9814



15.5100, 36.5248, -67.2128

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 42.4766, -23.6218, 23.9509 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 42.4766, -23.6218, 23.9509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

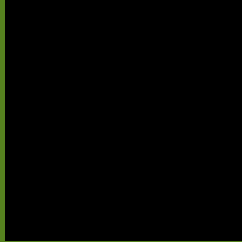
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.4766, -23.6218, 23.9509 Background



This preview shows how black text looks on a background with the HunterLab color 42.4766, -23.6218, 23.9509.



This preview shows how white text looks on a background with the HunterLab color 42.4766,

-23.6218, 23.9509.

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

42.4766, -23.6218, 23.9509

Protanopia

42.3630, -5.8594, 24.4637

Deuteranopia

42.0932, 3.0205, 23.2869



Tritanopia

42.3864, -6.4605, -4.0308

Trichromacy



Original Color

42.4766, -23.6218, 23.9509

Protanomaly

42.0150, -12.9789, 24.0219

Deuteranomaly

41.7663, -7.8973, 23.2286

Tritanomaly

41.9776, -14.3998, 10.3228

Monochromacy



Original Color

42.4766, -23.6218, 23.9509

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

39.3429, -11.2860, 12.8978

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.4766, -23.6218, 23.9509 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(86, 130, 31)` looks like.

```
.text, #text, p{  
    color:rgb(86, 130, 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(86, 130, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 130, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4766, -23.6218, 23.9509 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(86, 130, 31) }
```


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

```
.border{ border-color:rgb(86, 130, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 130, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 130, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 130, 31);  
box-shadow:4px 4px 4px 4px rgb(86, 130,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.4766, -23.6218, 23.9509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 130, 31) }
```

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

```
.background{ background-color: rgb(86, 130,  
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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