

Converting Colors

HunterLab(30.8292, 0.4156,
-18.2772)

Have a look what the booklet for
HunterLab(30.8292, 0.4156,
-18.2772) contains.

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Color

**HunterLab(30.7495, 0.5034,
-18.4538)**

Conversions

Conversions Part 1

Format	Color
Hex	42577D
RGB	66, 87, 125
RGB Percent	26%, 34%, 49%
CMY	0.7412, 0.6588, 0.5098
CMYK	0.47, 0.30, 0.00, 0.51
HSL	219°, 31%, 37%
HSV	219°, 47%, 49%
XYZ	9.3566, 9.4553, 20.7340
YIQ	85.0530, -24.7140, 7.3660

Conversions

Conversions Part 2

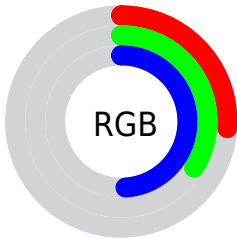
Format	Color
R _{YB}	66, 81, 125
Decimal	4347773
CIE Lab	36.85, 3.08, -23.95
CIE LCh	37, 24.145, 277.331
Yxy	9.4557, 0.2366, 0.2391
Android (android.graphics.Color)	4282537853 (0xFF42577D)
YUV	85.0530, 19.6939, -16.7095
Hunter-Lab	30.7495, 0.5034, -18.4538

Details

The HunterLab color **30.7495, 0.5034, -18.4538** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **38.2810, 0.1140, 15.6070**, and the grayscale version is **30.0968, -1.6059, 1.6352**.

A 20% lighter version of the original color is **49.8875, -0.2931, -19.3227**, and **15.0443, 0.9436, -17.6600** is the 20% darker color. If you saturate the color by 10%, you get **27.9930, 1.9540, -23.8111**, and if you desaturate by 10%, it is **33.6386, -0.5934, -13.4800**.

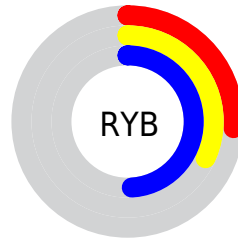
Distribution



Red (26%)

Green (34%)

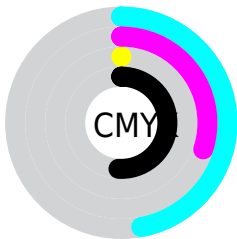
Blue (49%)



Red (26%)

Yellow (32%)

Blue (49%)

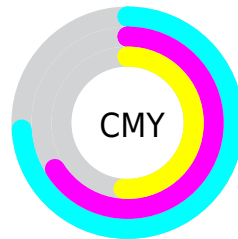


Cyan (47%)

Magenta (30%)

Yellow (0%)

Black (51%)



Cyan (74%)

Magenta (66%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.7495, 0.5034, -18.4538 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 30.7495, 0.5034, -18.4538 by changing the saturation by 10% instead.

■ 30.7495, 0.5034,
-18.4538

■ 30.7495, 0.5034,
-18.4538

■ 136.6535, -3.8009,
-20.8791

■ 22.4490, 0.7391,
-17.9346

■ 49.7660, -0.1481,
-19.3950

■ 15.0682, 0.9008,
-17.4738

■ 60.3573, -0.5502,
-19.7820

■ 8.7065, 1.0770,
-17.4580

■ 71.6088, -0.9970,
-20.1078

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 83.4837, -1.4851,
-20.3734

0.0000, NaN, NaN

■ 95.9509, -2.0117,
-20.5807

0.0000, NaN, NaN

108.9835, -2.5745,

0.0000, NaN, NaN

-20.7324

0.0000, NaN, NaN

122.5580, -3.1714,
-20.8310

■ 30.7495, 0.5034,
-18.4538

■ 30.7495, 0.5034,
-18.4538

■ 27.9930, 1.9540,
-23.8111

■ 33.6386, -0.5934,
-13.4800

■ 25.3887, 3.8221,
-29.5985

■ 36.6416, -1.3928,
-8.8409

■ 22.9630, 6.1721,
-35.8385

■ 39.7450, -1.9427,
-4.4868

■ 20.7462, 9.0545,
-42.5068

■ 42.9377, -2.2828,
-0.3733

■ 18.7513, 12.4207,
-49.5762

■ 46.2104, -2.4457,
3.5379

■ 18.2177, 13.3942,
-51.6849

■ 49.5555, -2.4578,
7.2793

■ 52.9667, -2.3407,
10.8783

■ 56.4386, -2.1120,
14.3578

■ 59.9668, -1.7864,
17.7367

Harmonies

Analogous

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



30.7501, -7.7786, -16.7397



30.7495, 0.5034, -18.4538



30.7501, 9.0787, -13.7046

Triad

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



30.7501, 0.5033, -18.4531



30.7501, 12.6920, 9.7885



30.7501, -15.5022, 7.1560

Complementary

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



30.7495, 0.5034, -18.4538



38.2810, 0.1140, 15.6070

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.



30.7501, -11.0701, 11.7640



30.7495, 0.5034, -18.4538



30.7501, 5.0162, 12.9656

Square

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



30.7501, 0.5033, -18.4531



30.7501, 16.6024, 3.6203



30.7501, -3.7309, 13.5728



30.7501, -16.4274, -0.4089

Rectangle

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



30.7495, 0.5034, -18.4538



30.7501, 13.6063, -8.1214



30.7501, -3.7309, 13.5728



30.7501, -14.3988, 9.0320

Sweetspot

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



30.7501, 0.5033, -18.4531



54.3964, -2.7564, -4.3995



41.0029, -19.3089, 6.2325



25.5804, -1.2689, -2.5774



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



30.7501, 0.5033, -18.4531



37.0373, 2.8791, -32.7468



26.1306, 12.0900, -27.7103



21.0779, -1.1118, -0.5706



18.5778, 13.7664, -52.9382

0.0000, NaN, NaN

Inverse Universe

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



29.9080, 20.0341, 0.9042



36.3250, 33.7720, 1.9071



43.4189, -11.5565, 19.5133



20.8988, 0.8895, 0.9047

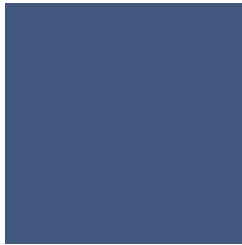


21.7783, 38.1794, 7.2242

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 30.7495, 0.5034, -18.4538 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



This preview shows how the HunterLab color 30.7495, 0.5034, -18.4538 looks on a 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 30.7495, 0.5034, -18.4538 Background



This preview shows how black text looks on a background with the HunterLab color 30.7495, 0.5034, -18.4538.



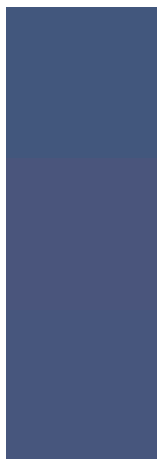
This preview shows how white text looks on a background with the HunterLab color 30.7495, 0.5034, -18.4538.

-18.4538.

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

30.7495, 0.5034, -18.4538

Protanopia

30.6726, 2.8342, -17.9099

Deuteranopia

30.7828, 1.9597, -18.3672



Tritanopia

30.7485, -8.3890, -3.9613

Trichromacy



Original Color

30.7495, 0.5034, -18.4538

Protanomaly

30.7415, 1.7379, -17.8040

Deuteranomaly

30.6618, 1.5520, -18.5964

Tritanomaly

30.6384, -5.3347, -8.6688

Monochromacy



Original Color

30.7495, 0.5034, -18.4538

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

30.3239, -1.4431, -4.9132

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.7495, 0.5034, -18.4538 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(66, 87, 125)` looks like.

```
.text, #text, p{  
    color:rgb(66, 87, 125)  
}
```

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(66, 87, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 87, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 30.7495, 0.5034, -18.4538 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(66, 87, 125) }
```


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

```
.border{ border-color:rgb(66, 87, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 87, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 87, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 87, 125);  
box-shadow:4px 4px 4px 4px rgb(66, 87,  
125) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.7495, 0.5034, -18.4538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 87, 125) }
```

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

```
.background{ background-color: rgb(66, 87,  
125) }
```

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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