

Converting Colors

HunterLab(37.1224, 23.5806,
-87.0870)

Have a look what the booklet for
HunterLab(37.1224, 23.5806,
-87.0870) contains.

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Color

**HunterLab(37.1224, 23.5806,
-87.0870)**

Conversions

Conversions Part 1	
Format	Color
Hex	325DDE
RGB	50, 93, 222
RGB Percent	20%, 36%, 87%
CMY	0.8039, 0.6353, 0.1294
CMYK	0.77, 0.58, 0.00, 0.13
HSL	225°, 72%, 53%
HSV	225°, 77%, 87%
XYZ	18.4145, 13.7807, 70.7966
YIQ	94.8490, -67.0370, 31.0030

Conversions

Conversions Part 2

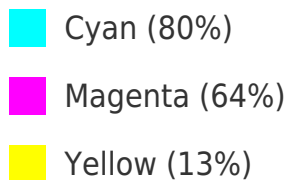
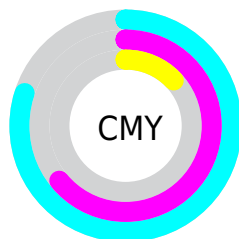
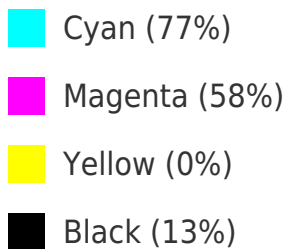
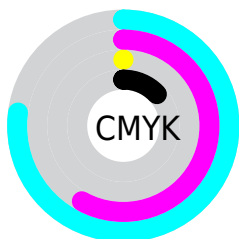
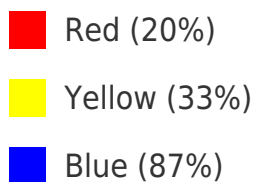
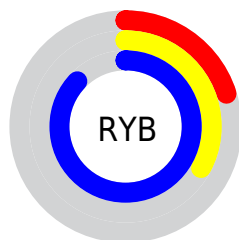
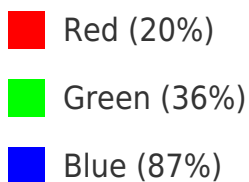
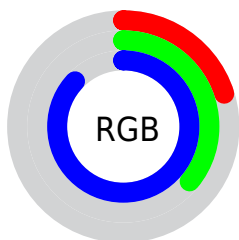
Format	Color
RYB	50, 84, 222
Decimal	3300830
CIELab	43.92, 31.06, -69.96
CIELCh	44, 76.545, 293.939
Yxy	13.7811, 0.1788, 0.1338
Android (android.graphics.Color)	4281490910 (0xFF325DDE)
YUV	94.8490, 62.6854, -39.3326
Hunter-Lab	37.1224, 23.5806, -87.0870

Details

The HunterLab color **37.1224, 23.5806, -87.0870** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **69.2864, -0.6220, 40.0995**, and the grayscale version is **33.5656, -1.7910, 1.8237**.

A 20% lighter version of the original color is **55.6799, 17.6445, -66.1232**, and **22.0615, 25.6343, -82.9121** is the 20% darker color. If you saturate the color by 10%, you get **32.7646, 31.2847, -104.3181**, and if you desaturate by 10%, it is **42.1149, 17.0505, -71.0413**.

Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.1224, 23.5806, -87.0870 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 37.1224, 23.5806, -87.0870 by changing the saturation by 10% instead.

 37.1224, 23.5806, -87.0870	 37.1224, 23.5806, -87.0870
---	---

146.9233, 29.8508, -91.7458	 28.2286, 22.3704, -88.8191
--------------------------------	---


 57.1840, 25.6256, -86.5021	 20.1862, 21.0180, -92.7293
---	---

 68.2461, 26.4813, -86.8967	 13.0977, 19.5345, -101.4530
---	--

 79.9418, 27.2404, -87.5146	 6.5854, 21.4090, -134.4301
---	---

 92.2385, 27.9116, -88.2666	0.0000, INF, -NF
---	------------------

0.0000, NaN, -NF

 105.1080, 28.5024, -89.0966
--

0.0000, NaN, -NF

118.5260, 29.0190,

0.0000, NaN, -NF

-89.9682

0.0000, NaN, NaN

132.4708, 29.4669,
-90.8568

■ 37.1224, 23.5806,
-87.0870

■ 37.1224, 23.5806,
-87.0870

■ 32.7646, 31.2847,
-104.3181

■ 42.1149, 17.0505,
-71.0413

■ 29.1723, 39.8446,
-121.7814

■ 47.6180, 11.6692,
-56.5006

■ 28.3774, 42.0151,
-126.1677

■ 53.5353, 7.2902,
-43.4204

■ 59.7929, 3.7403,
-31.6167

■ 66.3355, 0.8618,
-20.8770

■ 73.1210, -1.4758,
-11.0047

■ 80.1175, -3.3762,
-1.8333

■ 87.2998, -4.9212,
6.7729

■ 94.6481, -6.1744,
14.9228

Harmonies

Analogous

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



37.1228, -7.7129, -99.5723



37.1224, 23.5806, -87.0870



37.1228, 55.0003, -45.0040

Triad

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



37.1228, 23.5823, -87.0860



37.1228, 37.0678, 24.4405



37.1228, -42.8702, 7.2172

Complementary

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



37.1224, 23.5806, -87.0870



69.2864, -0.6220, 40.0995

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.



37.1228, -37.2729, 21.6903



37.1224, 23.5806, -87.0870



37.1228, 4.1175, 25.9860

Square

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



37.1228, 23.5823, -87.0860



37.1228, 64.3178, 17.7888



37.1228, -22.0825, 25.3430



37.1228, -40.5532, -26.7450

Rectangle

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



37.1224, 23.5806, -87.0870



37.1228, 68.6145, -15.9456



37.1228, -22.0825, 25.3430



37.1228, -41.9255, 13.9443

Sweetspot

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



37.1228, 23.5823, -87.0860



80.9912, -0.2356, -19.3558



74.9507, -46.4406, 11.6330



36.1442, 0.3757, -10.9391

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.1228, 23.5823, -87.0860



35.5979, 42.8000, -134.8893



31.4389, 51.9570, -110.0465



37.1445, -1.4301, -1.6986



22.2086, 31.3124, -95.3532



6.9480, 5.1990, -19.9074

Inverse Universe

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



43.1305, 62.0944, 13.4280



47.1437, 79.5434, 21.5836



78.7765, -35.2390, 45.6524



37.0897, 1.7342, 2.0407



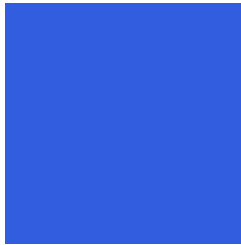
30.6691, 53.1142, 15.2259



8.1620, 14.3062, 2.7276

Previews

White Background



This preview shows how the HunterLab color 37.1224, 23.5806, -87.0870 looks on a white background.

Color Contrast Check

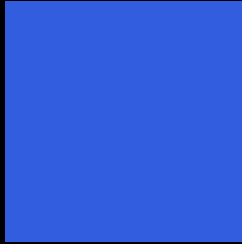
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.1224, 23.5806, -87.0870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

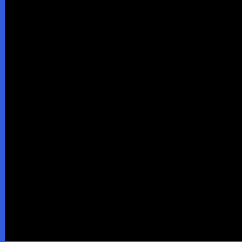
Any Text WCAG AA × Fail

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 37.1224, 23.5806, -87.0870 Background



This preview shows how black text looks on a background with the HunterLab color 37.1224, 23.5806, -87.0870.



This preview shows how white text looks on a background with the HunterLab color 37.1224, 23.5806, -87.0870.

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

37.1224, 23.5806, -87.0870

Protanopia

36.9145, 13.8299, -75.9947

Deuteranopia

36.9381, 0.5692, -47.3983



Tritanopia

36.9684, -18.1311, -7.0675

Trichromacy



Original Color

37.1224, 23.5806, -87.0870

Protanomaly

36.8569, 16.8149, -80.4150

Deuteranomaly

36.6353, 8.3250, -61.7990

Tritanomaly

36.2113, -5.8009, -30.7523

Monochromacy



Original Color

37.1224, 23.5806, -87.0870

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

34.0452, 3.5201, -22.8447

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.1224, 23.5806, -87.0870 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, 93, 222)` looks like.

```
.text, #text, p{  
    color:rgb(50, 93, 222)  
}
```

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, 93, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 93, 222) }
```

Border

The CSS property to change the border of an element to HunterLab 37.1224, 23.5806, -87.0870 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, 93, 222) }
```


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

```
.border{ border-color:rgb(50, 93, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 93, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 93, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 93, 222);  
box-shadow:4px 4px 4px 4px rgb(50, 93,  
222) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.1224, 23.5806, -87.0870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 93, 222) }
```

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

```
.background{ background-color: rgb(50, 93,  
222) }
```

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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