

Converting Colors

HunterLab(12.2689, 30.1245,
-62.7196)

Have a look what the booklet for
HunterLab(12.2689, 30.1245,
-62.7196) contains.

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Color

**HunterLab(12.3252, 30.2410,
-62.8392)**

Conversions

Conversions Part 1

Format	Color
Hex	25006E
RGB	37, 0, 110
RGB Percent	15%, 0%, 43%
CMY	0.8549, 1.0000, 0.5686
CMYK	0.66, 1.00, 0.00, 0.57
HSL	260°, 100%, 22%
HSV	260°, 100%, 43%
XYZ	3.5774, 1.5191, 14.8565
YIQ	23.6030, -13.2580, 42.0540

Conversions

Conversions Part 2

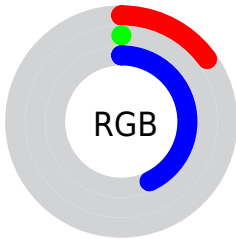
Format	Color
R_{YB}	37, 0, 110
Decimal	2424942
CIE _{Lab}	12.73, 43.73, -53.43
CIE _{LCh}	13, 69.045, 309.300
Yxy	1.5192, 0.1793, 0.0761
Android (android.graphics.Color)	4280615022 (0xFF25006E)
YUV	23.6030, 42.5937, 11.7492
Hunter-Lab	12.3252, 30.2410, -62.8392

Details

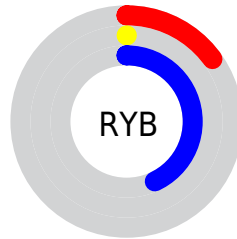
The HunterLab color **12.3252, 30.2410, -62.8392** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **35.4517, -20.1324, 21.4927**, and the grayscale version is **9.3168, -0.4971, 0.5062**.

A 20% lighter version of the original color is **27.1876, 33.9044, -58.2180**, and **5.8045, 15.7447, -41.2434** is the 20% darker color. If you saturate the color by 10%, you get **12.3255, 30.2414, -62.8375**, and if you desaturate by 10%, it is **13.8107, 27.3487, -54.3417**.

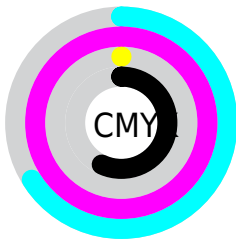
Distribution



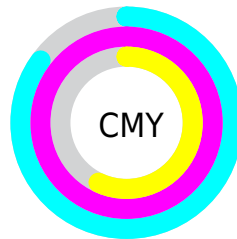
- Red (15%)
- Green (0%)
- Blue (43%)



- Red (15%)
- Yellow (0%)
- Blue (43%)



- Cyan (66%)
- Magenta (100%)
- Yellow (0%)
- Black (57%)



- Cyan (85%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.3252, 30.2410, -62.8392 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 12.3252, 30.2410, -62.8392 by changing the saturation by 10% instead.

12.3252, 30.2410,
-62.8392

12.3252, 30.2410,
-62.8392

103.5502, 43.4658,
-61.5583

5.4970, 37.9860,
-88.6225

27.2271, 33.8237,
-57.8982

0.0000, INF, -NF

0.0000, NaN, -NF

36.0244, 35.5392,
-57.6954

0.0000, NaN, -NF

45.6066, 37.1383,
-57.9984

0.0000, NaN, NaN

0.0000, NaN, NaN

55.9138, 38.6180,
-58.5596

0.0000, NaN, NaN

66.8983, 39.9832,
-59.2527

0.0000, NaN, NaN

78.5205, 41.2413,

0.0000, NaN, NaN

-60.0078

■ 90.7474, 42.3998,
-60.7845

■ 12.3252, 30.2410,
-62.8392

■ 12.3252, 30.2410,
-62.8392

■ 12.3255, 30.2414,
-62.8375

■ 13.8107, 27.3487,
-54.3417

■ 15.5538, 24.3926,
-46.2222

■ 17.7210, 20.9256,
-38.0701

■ 20.2298, 17.3241,
-30.4664

■ 23.0094, 13.7777,
-23.5928

■ 26.0054, 10.3567,
-17.4273

■ 29.1774, 7.0732,
-11.8738

■ 32.4957, 3.9147,
-6.8234

■ 35.9380, 0.8613,
-2.1776

Harmonies

Analogous

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



12.3255, 5.5192, -98.0462



12.3252, 30.2410, -62.8392



12.3255, 52.0948, -17.8369

Triad

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



12.3255, 30.2414, -62.8375



12.3255, 14.3021, 8.6279



12.3255, -21.5696, -6.0088

Complementary

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



12.3252, 30.2410, -62.8392



35.4517, -20.1324, 21.4927

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.



12.3255, -21.5696, 8.6279



12.3252, 30.2410, -62.8392



12.3255, -5.8171, 8.6279

Square

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



12.3255, 30.2414, -62.8375



12.3255, 39.7673, 8.6279



12.3255, -17.6326, 8.6279



12.3255, -21.0610, -44.4870

Rectangle

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



12.3252, 30.2410, -62.8392



12.3255, 57.4408, 0.2577



12.3255, -17.6326, 8.6279



12.3255, -21.5696, 1.0703

Sweetspot

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



12.3255, 30.2414, -62.8375



38.3225, 9.7152, -16.2977



24.3615, -4.3923, -20.9681



17.8443, 5.3357, -8.9423



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



12.3255, 30.2414, -62.8375



16.1444, 39.8938, -84.4974



18.3956, 37.6228, -35.5522



18.3029, 0.2860, -0.8782



13.4534, 33.0917, -69.2313



29.3011, 73.1707, -159.2946

Inverse Universe

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



19.4833, 35.8344, -6.5469



25.7754, 47.3298, -8.0623



33.5913, -27.7959, 20.2122



18.5346, 0.9732, 0.1898



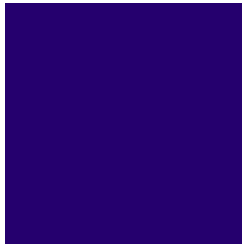
21.3416, 39.2297, -6.9964



47.4587, 86.9329, -13.1959

Previews

White Background



This preview shows how the HunterLab color 12.3252, 30.2410, -62.8392 looks on a white background.

Color Contrast Check

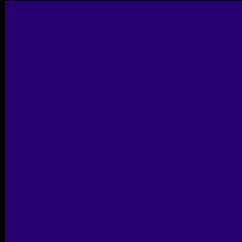
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.3252, 30.2410, -62.8392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

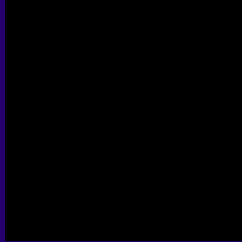
Any Text WCAG AA × Fail

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 12.3252, 30.2410, -62.8392 Background



This preview shows how black text looks on a background with the HunterLab color 12.3252, 30.2410, -62.8392.



This preview shows how white text looks on a background with the HunterLab color 12.3252, 30.2410, -62.8392.

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

12.3252, 30.2410, -62.8392

Protanopia

13.3032, 2.2250, -21.4310

Deuteranopia

13.2529, -1.3930, -13.5578



Tritanopia

13.2956, -6.5181, -2.5476

Trichromacy



Original Color

12.3252, 30.2410, -62.8392

Protanomaly

11.8446, 12.9362, -38.6899

Deuteranomaly

11.5452, 10.3749, -32.6818

Tritanomaly

11.1432, 5.7892, -22.1305

Monochromacy



Original Color

12.3252, 30.2410, -62.8392

Achromatopsia

9.5572, -0.5099, 0.5193

Achromatomaly

9.3739, 9.6286, -16.9167

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.3252, 30.2410, -62.8392 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, 0, 110)` looks like.

```
.text, #text, p{  
    color:rgb(37, 0, 110)  
}
```

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, 0, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 0, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 12.3252, 30.2410, -62.8392 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, 0, 110) }
```


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

```
.border{ border-color:rgb(37, 0, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 0, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 0, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 0, 110);  
box-shadow:4px 4px 4px 4px rgb(37, 0, 110)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.3252, 30.2410, -62.8392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 0, 110) }
```

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

```
.background{ background-color: rgb(37, 0,  
110) }
```

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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