

Converting Colors

HunterLab(20.0396, 12.2097,
-34.5382)

Have a look what the booklet for
HunterLab(20.0396, 12.2097,
-34.5382) contains.

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Color

**HunterLab(20.0396, 12.2097,
-34.5382)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3172
RGB	47, 49, 114
RGB Percent	18%, 19%, 45%
CMY	0.8157, 0.8078, 0.5529
CMYK	0.59, 0.57, 0.00, 0.55
HSL	238°, 42%, 32%
HSV	238°, 59%, 45%
XYZ	5.3079, 4.0159, 16.4149
YIQ	55.8120, -22.0570, 19.7910

Conversions

Conversions Part 2

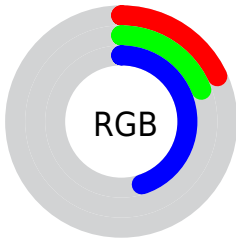
Format	Color
R_{YB}	47, 49, 114
Decimal	3092850
CIE _{Lab}	23.72, 19.89, -37.95
CIE _{LCh}	24, 42.852, 297.660
Yxy	4.0160, 0.2062, 0.1560
Android (android.graphics.Color)	4281282930 (0xFF2F3172)
YUV	55.8120, 28.6867, -7.7281
Hunter-Lab	20.0396, 12.2097, -34.5382




Details

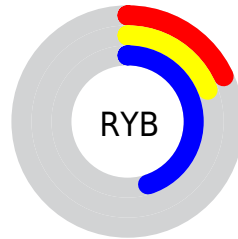
The HunterLab color **20.0396, 12.2097, -34.5382** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **39.2068, -8.3006, 19.9463**, and the grayscale version is **19.7334, -1.0529, 1.0722**.




A 20% lighter version of the original color is **36.8649, 13.5429, -35.0687**, and **6.8446, 14.0370, -38.8570** is the 20% darker color. If you saturate the color by 10%, you get **17.2200, 15.9129, -43.9234**, and if you desaturate by 10%, it is **23.1617, 8.9807, -26.3222**.

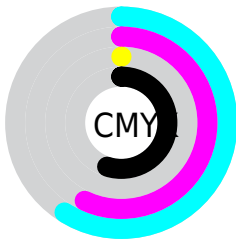
Distribution







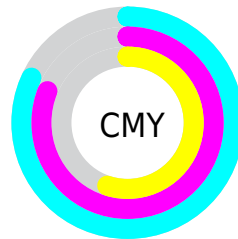
-  Red (18%)
-  Green (19%)
-  Blue (45%)






-  Red (18%)
-  Yellow (19%)
-  Blue (45%)



-  Cyan (59%)
-  Magenta (57%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (82%)
-  Magenta (81%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.0396, 12.2097, -34.5382 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 20.0396, 12.2097, -34.5382 by changing the saturation by 10% instead.

■ 20.0396, 12.2097,
-34.5382

■ 20.0396, 12.2097,
-34.5382

■ 118.2618, 15.8692,
-39.3982

■ 12.9711, 11.2320,
-35.0789

■ 36.9435, 13.7090,
-35.2759

■ 6.4210, 13.1712,
-42.3389

■ 46.6003, 14.2730,
-35.9012

0.0000, NaN, -NF

■ 56.9768, 14.7354,
-36.5557

0.0000, NaN, -NF

■ 68.0264, 15.1082,
-37.2003

0.0000, NaN, NaN

■ 79.7102, 15.4010,
-37.8148

0.0000, NaN, NaN

■ 91.9955, 15.6214,

0.0000, NaN, NaN

0.0000, NaN, NaN

-38.3890

0.0000, NaN, NaN

104.8542, 15.7757,
-38.9176

■ 20.0396, 12.2097,
-34.5382

■ 20.0396, 12.2097,
-34.5382

■ 17.2200, 15.9129,
-43.9234

■ 23.1617, 8.9807,
-26.3222

■ 14.7985, 20.0346,
-54.3121

■ 26.5171, 6.1671,
-19.1474

■ 12.9006, 24.2331,
-64.7919

■ 30.0585, 3.6879,
-12.8148

■ 11.5208, 27.9699,
-74.3394

■ 33.7528, 1.4693,
-7.1403

■ 11.3520, 28.4725,
-75.6529

■ 37.5760, -0.5484,
-1.9745

■ 41.5106, -2.4109,
2.7982

■ 45.5430, -4.1531,
7.2658

■ 49.6631, -5.8014,
11.4950

■ 53.8625, -7.3756,
15.5369

Harmonies

Analogous

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



20.0399, -2.1018, -41.5005



20.0396, 12.2097, -34.5382



20.0399, 25.3790, -16.7317

Triad

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



20.0399, 12.2101, -34.5376



20.0399, 14.4946, 13.0561



20.0399, -20.7297, 2.0570

Complementary

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



20.0396, 12.2097, -34.5382



39.2068, -8.3006, 19.9463

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.



20.0399, -18.3988, 10.2181



20.0396, 12.2097, -34.5382



20.0399, -0.0176, 14.0279

Square

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



20.0399, 12.2101, -34.5376



20.0399, 26.9213, 9.4065



20.0399, -11.5972, 13.4179



20.0399, -19.0385, -13.7734

Rectangle

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



20.0396, 12.2097, -34.5382



20.0399, 30.4605, -4.8234



20.0399, -11.5972, 13.4179



20.0399, -20.4076, 5.6173

Sweetspot

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



20.0399, 12.2101, -34.5376



44.8962, 1.8625, -9.2471



37.1534, -16.4870, -1.7491



21.0395, 1.2081, -5.2463



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.



20.0399, 12.2101, -34.5376



21.4519, 23.2596, -63.6947



22.0891, 19.6710, -28.7749



18.2070, -0.2461, -1.0106



11.9582, 30.1213, -79.9700



26.2623, 69.0608, -181.9081

Inverse Universe

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



24.1505, 20.6389, 8.1090



28.6423, 34.3083, 12.8949



37.5059, -17.6885, 18.5494



18.4471, 0.5023, 1.4364



19.9754, 34.2477, 12.6039



44.5578, 76.3429, 28.5111

Previews

White Background



This preview shows how the HunterLab color 20.0396, 12.2097, -34.5382 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 20.0396, 12.2097, -34.5382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

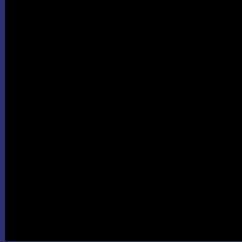
Any Text WCAG AA × Fail

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 20.0396, 12.2097, -34.5382 Background



This preview shows how black text looks on a background with the HunterLab color 20.0396, 12.2097, -34.5382.



This preview shows how white text looks on a background with the HunterLab color 20.0396, 12.2097, -34.5382.

-34.5382.

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

20.0396, 12.2097, -34.5382

Deuteranopia

19.9141, -0.2323, -24.3893

Tritanopia

20.2077, -7.2053, -3.2545

Trichromacy



Original Color

20.0396, 12.2097, -34.5382

Deuteranomaly

19.7285, 3.4656, -28.7618

Tritanomaly

19.7647, -0.9644, -12.9988

Monochromacy



Original Color

20.0396, 12.2097, -34.5382

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

19.5931, 2.8900, -9.1227

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.0396, 12.2097, -34.5382 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(47, 49, 114)` looks like.

```
.text, #text, p{  
    color:rgb(47, 49, 114)  
}
```

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(47, 49, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 49, 114) }
```

Border

The CSS property to change the border of an element to HunterLab 20.0396, 12.2097, -34.5382 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(47, 49, 114) }
```

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

```
.border{ border-color:rgb(47, 49, 114) }
```

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

Here you see how a box with a 4 pixel rgb(47, 49, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 49, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 49, 114);  
box-shadow:4px 4px 4px 4px rgb(47, 49,  
114) }
```


Background

The CSS property to change the background color of an element to HunterLab 20.0396, 12.2097, -34.5382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 49, 114) }
```

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

```
.background{ background-color: rgb(47, 49,  
114) }
```

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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