

Converting Colors

HunterLab(19.4193, 11.9496,
-32.5598)

Have a look what the booklet for
HunterLab(19.4193, 11.9496,
-32.5598) contains.

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Color

**HunterLab(19.3989, 12.0900,
-32.9219)**

Conversions

Conversions Part 1

Format	Color
Hex	2F2F6E
RGB	47, 47, 110
RGB Percent	18%, 18%, 43%
CMY	0.8157, 0.8157, 0.5686
CMYK	0.57, 0.57, 0.00, 0.57
HSL	240°, 40%, 31%
HSV	240°, 57%, 43%
XYZ	5.0033, 3.7632, 15.2146
YIQ	54.1820, -20.2230, 19.5930

Conversions

Conversions Part 2

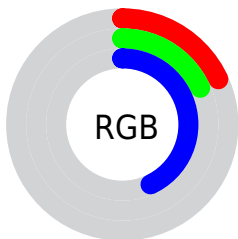
Format	Color
RYB	47, 47, 110
Decimal	3092334
CIELab	22.87, 19.83, -36.76
CIELCh	23, 41.771, 298.349
Yxy	3.7633, 0.2086, 0.1569
Android (android.graphics.Color)	4281282414 (0xFF2F2F6E)
YUV	54.1820, 27.5183, -6.2986
Hunter-Lab	19.3989, 12.0900, -32.9219




Details

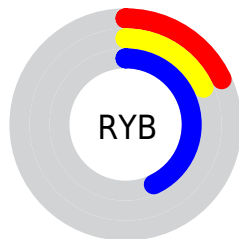
The HunterLab color **19.3989, 12.0900, -32.9219** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **38.3041, -8.6917, 19.2878**, and the grayscale version is **19.1834, -1.0236, 1.0423**.




A 20% lighter version of the original color is **36.1801, 13.5587, -33.4850**, and **6.0787, 15.2136, -40.4397** is the 20% darker color. If you saturate the color by 10%, you get **16.6214, 15.7277, -42.1041**, and if you desaturate by 10%, it is **22.4758, 8.8959, -24.9098**.

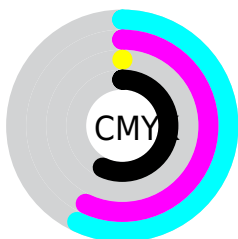
Distribution







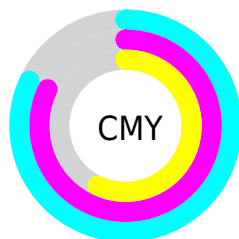
-  Red (18%)
-  Green (18%)
-  Blue (43%)






-  Red (18%)
-  Yellow (18%)
-  Blue (43%)



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



-  Cyan (82%)
-  Magenta (82%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.3989, 12.0900, -32.9219 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 19.3989, 12.0900, -32.9219 by changing the saturation by 10% instead.

■ 19.3989, 12.0900,
-32.9219

■ 19.3989, 12.0900,
-32.9219

■ 117.0996, 15.7963,
-37.6978

■ 12.4179, 11.1008,
-33.4279

■ 36.1565, 13.6066,
-33.6860

■ 5.6396, 15.0244,
-43.6765

■ 45.7494, 14.1770,
-34.3078

0.0000, NaN, -NF

■ 56.0667, 14.6448,
-34.9522

0.0000, NaN, -NF

■ 67.0606, 15.0222,
-35.5821

0.0000, NaN, NaN

■ 78.6917, 15.3189,
-36.1788

0.0000, NaN, NaN

■ 90.9270, 15.5427,

0.0000, NaN, NaN

0.0000, NaN, NaN

-36.7329

0.0000, NaN, NaN

103.7379, 15.7001,
-37.2399

■ 19.3989, 12.0900,
-32.9219

■ 19.3989, 12.0900,
-32.9219

■ 16.6214, 15.7277,
-42.1041

■ 22.4758, 8.8959,
-24.9098

■ 14.2401, 19.7438,
-52.3009

■ 25.7826, 6.0924,
-17.9301

■ 12.3826, 23.7781,
-62.5887

■ 29.2725, 3.6030,
-11.7788

■ 11.0015, 27.5516,
-72.2412

■ 32.9125, 1.3572,
-6.2706

■ 10.6105, 28.7807,
-75.3900

■ 36.6791, -0.7017,
-1.2567

■ 40.5549, -2.6173,
3.3770

■ 44.5269, -4.4225,
7.7168

■ 48.5849, -6.1421,
11.8278

■ 52.7208, -7.7951,
15.7597

Harmonies

Analogous

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



19.3992, -1.7402, -39.9596



19.3989, 12.0900, -32.9219



19.3992, 24.6791, -15.6878

Triad

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



19.3992, 12.0904, -32.9213



19.3992, 13.6438, 12.7509



19.3992, -20.0189, 1.7185

Complementary

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



19.3989, 12.0900, -32.9219



38.3041, -8.6917, 19.2878

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.



19.3992, -17.8578, 9.7628



19.3989, 12.0900, -32.9219



19.3992, -0.3219, 13.5794

Square

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



19.3992, 12.0904, -32.9213



19.3992, 25.7274, 9.2088



19.3992, -11.3954, 13.0080



19.3992, -18.2939, -13.6779

Rectangle

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



19.3989, 12.0900, -32.9219



19.3992, 29.4371, -4.2930



19.3992, -11.3954, 13.0080



19.3992, -19.7369, 5.2145

Sweetspot

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



19.3992, 12.0904, -32.9213



43.5272, 1.8501, -8.4356



35.8916, -15.2517, -2.5198



20.6679, 1.0851, -4.5402



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.



19.3992, 12.0904, -32.9213



20.8327, 22.6971, -60.4977



21.9085, 18.8078, -26.0936



18.1672, -0.1782, -1.0607



11.6295, 31.5448, -82.6306



25.9559, 70.4052, -184.4258

Inverse Universe

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



25.4438, 27.4617, -18.2149



31.0164, 44.3983, -29.6310



36.0529, -17.1857, 17.4920



18.5835, 1.2357, -0.5049



23.0969, 45.4089, -30.4606



51.5502, 101.3487, -67.9850

Previews

White Background



This preview shows how the HunterLab color 19.3989, 12.0900, -32.9219 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 19.3989, 12.0900, -32.9219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

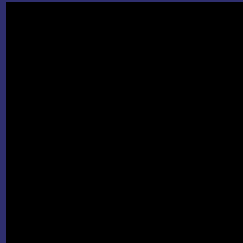
Any Text WCAG AA × Fail

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 19.3989, 12.0900, -32.9219 Background



This preview shows how black text looks on a background with the HunterLab color 19.3989, 12.0900, -32.9219.



This preview shows how white text looks on a background with the HunterLab color 19.3989, 12.0900, -32.9219.

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

19.3989, 12.0900, -32.9219

Protanopia

19.2771, 5.1349, -35.1794

Tritanopia

19.3889, -6.3479, -2.9962

Trichromacy



Original Color

19.3989, 12.0900, -32.9219

Protanomaly

19.0644, 6.7505, -34.9052

Tritanomaly

19.2393, -0.4639, -12.1427

Monochromacy



Original Color

19.3989, 12.0900, -32.9219

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

18.8835, 2.7332, -8.6575

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.3989, 12.0900, -32.9219 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, 47, 110)` looks like.

```
.text, #text, p{  
    color:rgb(47, 47, 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(47, 47, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 47, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 19.3989, 12.0900, -32.9219 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, 47, 110) }
```

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

```
.border{ border-color:rgb(47, 47, 110) }
```

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

Here you see how a box with a 4 pixel rgb(47, 47, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 47, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 47, 110);  
box-shadow:4px 4px 4px 4px rgb(47, 47,  
110) }
```


Background

The CSS property to change the background color of an element to HunterLab 19.3989, 12.0900, -32.9219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 47, 110) }
```

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

```
.background{ background-color: rgb(47, 47,  
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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