

Converting Colors

HunterLab(21.1849, -4.2686,
-15.6893)

Have a look what the booklet for
HunterLab(21.1849, -4.2686,
-15.6893) contains.

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Color

**HunterLab(21.2490, -4.2406,
-15.8764)**

Conversions

Conversions Part 1

Format	Color
Hex	09405D
RGB	9, 64, 93
RGB Percent	4%, 25%, 36%
CMY	0.9647, 0.7490, 0.6353
CMYK	0.90, 0.31, 0.00, 0.64
HSL	201°, 82%, 20%
HSV	201°, 90%, 36%
XYZ	3.9219, 4.5152, 11.0208
YIQ	50.8610, -42.0890, -2.6410

Conversions

Conversions Part 2

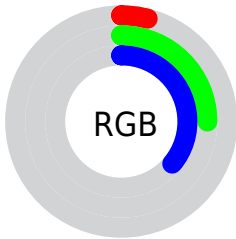
Format	Color
R_{YB}	9, 42, 93
Decimal	606301
CIE _{Lab}	25.31, -5.27, -21.99
CIE _{LCh}	25, 22.610, 256.531
Yxy	4.5154, 0.2016, 0.2321
Android (android.graphics.Color)	4278796381 (0xFF09405D)
YUV	50.8610, 20.7745, -36.7121
Hunter-Lab	21.2490, -4.2406, -15.8764

Details

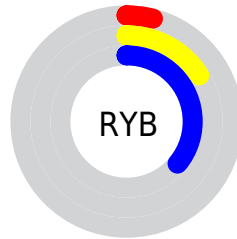
The HunterLab color **21.2490, -4.2406, -15.8764** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **19.3228, 14.7482, 11.3710**, and the grayscale version is **18.0918, -0.9653, 0.9830**.

A 20% lighter version of the original color is **38.5185, -6.2073, -16.3740**, and **8.8264, 0.7325, -12.6135** is the 20% darker color. If you saturate the color by 10%, you get **20.2882, -3.4903, -17.8240**, and if you desaturate by 10%, it is **22.2744, -4.9151, -13.9265**.

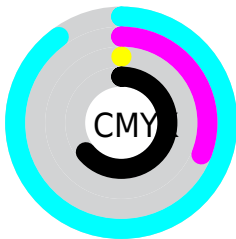
Distribution



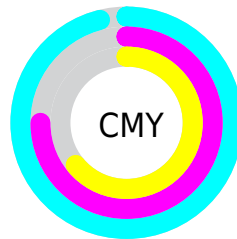
- Red (4%)
- Green (25%)
- Blue (36%)



- Red (4%)
- Yellow (16%)
- Blue (36%)



- Cyan (90%)
- Magenta (31%)
- Yellow (0%)
- Black (64%)



- Cyan (96%)
- Magenta (75%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2490, -4.2406, -15.8764 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 21.2490, -4.2406, -15.8764 by changing the saturation by 10% instead.

■ 21.2490, -4.2406,
-15.8764

■ 21.2490, -4.2406,
-15.8764

■ 120.4326,
-12.0833, -18.3698

■ 14.0208, -3.4267,
-15.4163

■ 38.4217, -5.8724,
-16.8313

■ 7.6648, -3.4034,
-15.9553

■ 48.1959, -6.7058,
-17.2344

0.0000, NaN, -NF

■ 58.6818, -7.5555,
-17.5744

0.0000, NaN, NaN

■ 69.8342, -8.4229,
-17.8509

0.0000, NaN, NaN

■ 81.6152, -9.3090,
-18.0659

0.0000, NaN, NaN

■ 93.9930, -10.2143,

0.0000, NaN, NaN

0.0000, NaN, NaN

-18.2221

0.0000, NaN, NaN

106.9402,
-11.1390, -18.3224

21.2490, -4.2406,
-15.8764

21.2490, -4.2406,
-15.8764

20.2882, -3.4903,
-17.8240

22.2744, -4.9151,
-13.9265

23.3776, -5.3235,
-11.9528

24.5576, -5.4705,
-9.9663

25.8111, -5.3698,
-7.9780

27.1340, -5.0391,
-5.9972

■ 28.5221, -4.4977,
-4.0311

■ 29.9711, -3.7652,
-2.0846

■ 31.4769, -2.8603,
-0.1608

■ 33.0356, -1.8008,
1.7385

Harmonies

Analogous

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



21.2494, -9.7824, -10.6780



21.2490, -4.2406, -15.8764



21.2494, 2.9159, -15.5676

Triad

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



21.2494, -4.2404, -15.8760



21.2494, 13.7000, 4.5484



21.2494, -10.2123, 8.3249

Complementary

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



21.2490, -4.2406, -15.8764



19.3228, 14.7482, 11.3710

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.



21.2494, -4.9034, 10.2566



21.2490, -4.2406, -15.8764



21.2494, 9.1635, 8.6218

Square

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



21.2494, -4.2404, -15.8760



21.2494, 13.9393, -2.1172



21.2494, 2.1597, 10.3435



21.2494, -12.9101, 3.9804

Rectangle

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



21.2490, -4.2406, -15.8764



21.2494, 7.6742, -12.2478



21.2494, 2.1597, 10.3435



21.2494, -8.7081, 9.2047

Sweetspot

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



21.2494, -4.2404, -15.8760



37.7768, -5.6669, -4.6350



28.3206, -22.0731, 13.3993



18.7152, -2.9312, -2.5952



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



21.2494, -4.2404, -15.8760



26.2072, -4.0496, -24.0147



12.0895, 14.2073, -43.0907



15.8089, -1.3517, 0.0625



23.9290, -3.8368, -21.6265



54.4571, -6.5555, -53.9150

Inverse Universe

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



17.0086, 28.3490, -5.9318



21.3053, 39.0995, -6.4919



28.1765, -2.6846, 16.7709



15.3953, 0.7282, 0.2023



19.3849, 35.5968, -6.0746



45.1730, 82.6189, -11.5756

Previews

White Background



This preview shows how the HunterLab color 21.2490, -4.2406, -15.8764 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 21.2490, -4.2406, -15.8764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

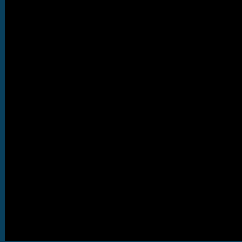
Any Text WCAG AA × Fail

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 21.2490, -4.2406, -15.8764 Background



This preview shows how black text looks on a background with the HunterLab color 21.2490, -4.2406, -15.8764.



This preview shows how white text looks on a background with the HunterLab color 21.2490, -4.2406, -15.8764.

-15.8764.

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

21.2490, -4.2406, -15.8764

Protanopia

21.2775, 2.0469, -13.1890

Deuteranopia

21.2888, 1.2396, -16.3529



Tritanopia

21.1712, -10.2646, -4.3037

Trichromacy



Original Color

21.2490, -4.2406, -15.8764

Protanomaly

21.0547, -1.1762, -14.2856

Deuteranomaly

21.0277, -0.9373, -16.9180

Tritanomaly

21.2014, -8.1928, -8.3032

Monochromacy



Original Color

21.2490, -4.2406, -15.8764

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.9651, -3.7755, -4.4934

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2490, -4.2406, -15.8764 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(9, 64, 93)` looks like.

```
.text, #text, p{  
    color:rgb(9, 64, 93)  
}
```

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(9, 64, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 64, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2490, -4.2406, -15.8764 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(9, 64, 93) }
```


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

```
.border{ border-color:rgb(9, 64, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 64, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 64, 93); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 64, 93); box-shadow:4px  
4px 4px 4px rgb(9, 64, 93) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.2490, -4.2406, -15.8764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 64, 93) }
```

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

```
.background{ background-color: rgb(9, 64,  
93) }
```

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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