

Converting Colors

HunterLab(20.2490, -12.7237,
12.1747)

Have a look what the booklet for
HunterLab(20.2490, -12.7237,
12.1747) contains.

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Color

**HunterLab(20.3473,
-12.8960, 12.2284)**

Conversions

Conversions Part 1

Format	Color
Hex	234101
RGB	35, 65, 1
RGB Percent	14%, 25%, 0%
CMY	0.8627, 0.7451, 0.9961
CMYK	0.46, 0.00, 0.98, 0.75
HSL	88°, 97%, 13%
HSV	88°, 98%, 25%
XYZ	2.5889, 4.1401, 0.6914
YIQ	48.7340, 2.6640, -26.2640

Conversions

Conversions Part 2

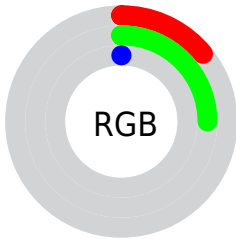
Format	Color
R_{YB}	1, 65, 31
Decimal	2310401
CIE Lab	24.13, -22.53, 31.71
CIE LCh	24, 38.902, 125.394
Yxy	4.1403, 0.3489, 0.5579
Android (android.graphics.Color)	4280500481 (0xFF234101)
YUV	48.7340, -23.5329, -12.0447
Hunter-Lab	20.3473, -12.8960, 12.2284

Details

The HunterLab color **20.3473, -12.8960, 12.2284** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **8.3356, 18.1824, -30.1187**, and the grayscale version is **17.5123, -0.9344, 0.9515**.

A 20% lighter version of the original color is **37.2438, -17.1208, 18.0240**, and **7.8281, -6.7126, 4.7061** is the 20% darker color. If you saturate the color by 10%, you get **20.3223, -13.0108, 12.2947**, and if you desaturate by 10%, it is **20.5188, -12.1362, 11.8085**.

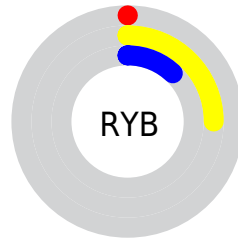
Distribution



Red (14%)

Green (25%)

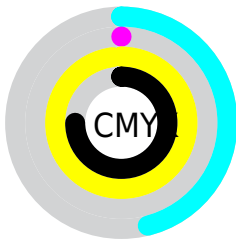
Blue (0%)



Red (0%)

Yellow (25%)

Blue (12%)

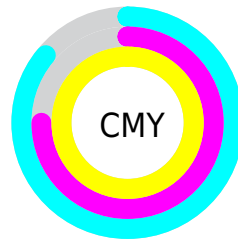


Cyan (46%)

Magenta (0%)

Yellow (98%)

Black (75%)



Cyan (86%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3473, -12.8960, 12.2284 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 20.3473, -12.8960, 12.2284 by changing the saturation by 10% instead.

■ 20.3473, -12.8960,
12.2284

■ 20.3473, -12.8960,
12.2284

■ 118.8171,
-29.6767, 34.6123

■ 13.2377, -10.4858,
9.2664

■ 37.3207, -17.1130,
18.0675

■ 6.7618, -11.8331,
4.7332

■ 47.0076, -19.0485,
20.7212

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.4124, -20.9131,
23.2378

0.0000, NaN, NaN

■ 68.4884, -22.7259,
25.6485

0.0000, NaN, NaN

■ 80.1972, -24.5001,
27.9763

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.5063, -26.2455,

■ 105.3877,
-27.9692, 32.4466

■ 20.3473, -12.8960,
12.2284

■ 20.3473, -12.8960,
12.2284

■ 20.3223, -13.0108,
12.2947

■ 20.5188, -12.1362,
11.8085

■ 20.7023, -11.3289,
11.3681

■ 20.9086, -10.4154,
10.7574

■ 21.1395, -9.3886,
9.9528

■ 21.3952, -8.2490,
8.9486

■ 21.6762, -6.9986,
7.7423

■ 21.9826, -5.6406,
6.3340

■ 22.3142, -4.1791,
4.7260

■ 22.6710, -2.6191,
2.9226

Harmonies

Analogous

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



20.3477, -3.2304, 13.6580



20.3473, -12.8960, 12.2284



20.3477, -18.2286, 8.3419

Triad

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



20.3477, -12.8964, 12.2285



20.3477, -9.9052, -31.0903



20.3477, 27.6817, 3.0823

Complementary

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



20.3473, -12.8960, 12.2284



8.3356, 18.1824, -30.1187

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.



20.3477, 24.7155, -10.4464



20.3473, -12.8960, 12.2284



20.3477, 1.1494, -35.6031

Square

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



20.3477, -12.8964, 12.2285



20.3477, -16.8058, -16.3586



20.3477, 14.2375, -26.4980



20.3477, 21.5944, 10.2153

Rectangle

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



20.3473, -12.8960, 12.2284



20.3477, -19.4879, 2.8077



20.3477, 14.2375, -26.4980



20.3477, 27.7235, -0.7532

Sweetspot

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



20.3477, -12.8964, 12.2285



28.4053, -7.8262, 8.7566



14.4887, 7.5656, 8.9424



14.8715, -4.2766, 4.7727



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



20.3477, -12.8964, 12.2285



26.2966, -17.1628, 15.9034



19.5018, -16.4159, 11.6420



12.2049, -1.4176, 1.5824



30.4091, -20.0228, 18.3874



75.8043, -51.6564, 45.8060

Inverse Universe

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



8.3356, 18.1824, -30.1187



10.4047, 23.9928, -41.1394



12.0660, 23.3627, -16.7314



11.5250, 0.1764, -0.3542



11.9532, 27.6748, -48.1248



29.0149, 68.3117, -125.6119

Previews

White Background



This preview shows how the HunterLab color 20.3473, -12.8960, 12.2284 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



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 20.3473, -12.8960, 12.2284 Background



This preview shows how black text looks on a background with the HunterLab color 20.3473, -12.8960, 12.2284.



This preview shows how white text looks on a background with the HunterLab color 20.3473,

-12.8960, 12.2284.

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

20.3473, -12.8960, 12.2284

Protanopia

20.3714, -3.2905, 12.4951

Deuteranopia

20.3449, 0.4679, 11.4350



Tritanopia

20.3149, -4.2157, -2.1516

Trichromacy



Original Color

20.3473, -12.8960, 12.2284

Protanomaly

20.3021, -7.4810, 12.3791

Deuteranomaly

20.1927, -5.1324, 11.5940

Tritanomaly

20.1582, -8.5737, 5.8286

Monochromacy



Original Color

20.3473, -12.8960, 12.2284

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

18.3634, -6.2250, 6.7944

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3473, -12.8960, 12.2284 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(35, 65, 1)` looks like.

```
.text, #text, p{  
    color:rgb(35, 65, 1)  
}
```

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(35, 65, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 65, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3473, -12.8960, 12.2284 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(35, 65, 1) }
```


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

```
.border{ border-color:rgb(35, 65, 1) }
```

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

Here you see how a box with a 4 pixel rgb(35, 65, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 65, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(35, 65, 1); box-shadow:4px  
4px 4px 4px rgb(35, 65, 1) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.3473, -12.8960, 12.2284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 65, 1) }
```

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

```
.background{ background-color: rgb(35, 65,  
1) }
```

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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